

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078701.D
 Acq On : 31 Jul 2023 13:25
 Operator : JC\MD
 Sample : VN0731WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 01:16:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	812290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1344997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1172533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	437911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	495780	45.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.060%		
35) Dibromofluoromethane	8.171	113	448597	49.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	10.571	98	1644653	47.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.360%		
62) 4-Bromofluorobenzene	12.853	95	537397	50.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	190920	19.170	ug/l	94
3) Chloromethane	2.371	50	194479	17.966	ug/l	98
4) Vinyl Chloride	2.524	62	385129	27.504	ug/l	99
5) Bromomethane	2.959	94	127247	10.432	ug/l	94
6) Chloroethane	3.130	64	116174	12.265	ug/l	99
7) Trichlorofluoromethane	3.506	101	307202	18.353	ug/l	98
8) Diethyl Ether	3.977	74	105585	18.932	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.383	101	172988	19.523	ug/l	94
10) Methyl Iodide	4.600	142	216471	17.778	ug/l	94
11) Tert butyl alcohol	5.530	59	150909	89.869	ug/l	99
12) 1,1-Dichloroethene	4.353	96	162180	18.922	ug/l	90
13) Acrolein	4.189	56	146147	88.460	ug/l	98
14) Allyl chloride	5.036	41	251728	21.493	ug/l #	87
15) Acrylonitrile	5.730	53	414451	97.685	ug/l	99
16) Acetone	4.442	43	318454	93.881	ug/l	100
17) Carbon Disulfide	4.724	76	444534	17.936	ug/l	99
18) Methyl Acetate	5.036	43	275721	19.201	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	538172	19.057	ug/l	93
20) Methylene Chloride	5.283	84	200590	19.879	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	182946	18.941	ug/l	87
22) Diisopropyl ether	6.683	45	548192	20.904	ug/l	94
23) Vinyl Acetate	6.612	43	1613122	96.756	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	342248	19.368	ug/l	99
25) 2-Butanone	7.494	43	516351	96.701	ug/l	87
26) 2,2-Dichloropropane	7.500	77	285111	19.727	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	211419	18.922	ug/l	91
28) Bromochloromethane	7.818	49	161647	19.421	ug/l	89
29) Tetrahydrofuran	7.847	42	334342	95.425	ug/l #	83
30) Chloroform	7.971	83	348307	18.932	ug/l	97
31) Cyclohexane	8.265	56	290551	19.743	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	311850	18.906	ug/l	98
36) 1,1-Dichloropropene	8.377	75	266611	20.223	ug/l	96
37) Ethyl Acetate	7.571	43	198601	18.071	ug/l	98
38) Carbon Tetrachloride	8.371	117	278104	19.410	ug/l	98
39) Methylcyclohexane	9.606	83	251417	20.893	ug/l	89
40) Benzene	8.612	78	799096	20.460	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078701.D
 Acq On : 31 Jul 2023 13:25
 Operator : JC\MD
 Sample : VN0731WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 01:16:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	118173	21.093	ug/l	89
42) 1,2-Dichloroethane	8.677	62	254268	19.140	ug/l	99
43) Isopropyl Acetate	8.694	43	361929	20.003	ug/l	96
44) Trichloroethene	9.359	130	201319	19.125	ug/l	94
45) 1,2-Dichloropropane	9.630	63	208834	21.111	ug/l	100
46) Dibromomethane	9.712	93	135007	19.391	ug/l	89
47) Bromodichloromethane	9.894	83	277388	19.875	ug/l	98
48) Methyl methacrylate	9.688	41	168859	20.144	ug/l #	80
49) 1,4-Dioxane	9.700	88	65947	360.750	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1052999	97.843	ug/l	95
52) Toluene	10.635	92	491202	20.292	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	292534	20.460	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	323691	21.239	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	186527	19.558	ug/l	95
56) Ethyl methacrylate	10.877	69	269427	20.209	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	321829	19.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	448596	94.419	ug/l	91
59) 2-Hexanone	11.200	43	726830	95.026	ug/l	95
60) Dibromochloromethane	11.365	129	203400	19.318	ug/l	97
61) 1,2-Dibromoethane	11.471	107	190076	19.347	ug/l	98
64) Tetrachloroethene	11.106	164	175170	19.871	ug/l	97
65) Chlorobenzene	11.900	112	496537	18.945	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	192610	19.103	ug/l	96
67) Ethyl Benzene	11.971	91	874499	19.740	ug/l	97
68) m/p-Xylenes	12.076	106	651133	39.753	ug/l	95
69) o-Xylene	12.406	106	321211	19.415	ug/l	97
70) Styrene	12.418	104	498613	19.264	ug/l	97
71) Bromoform	12.582	173	131538	19.263	ug/l #	99
73) Isopropylbenzene	12.700	105	807816	19.632	ug/l	99
74) N-amyl acetate	12.500	43	258600	18.236	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	260561	20.867	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	204841m	19.352	ug/l	
77) Bromobenzene	12.988	156	193145	20.678	ug/l	96
78) n-propylbenzene	13.041	91	876662	19.922	ug/l	99
79) 2-Chlorotoluene	13.129	91	573402	19.893	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	646383	19.881	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	74305	18.447	ug/l	93
82) 4-Chlorotoluene	13.229	91	534389	19.874	ug/l	98
83) tert-Butylbenzene	13.441	119	548659	19.877	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	624126	19.763	ug/l	100
85) sec-Butylbenzene	13.623	105	680575	19.506	ug/l	98
86) p-Isopropyltoluene	13.735	119	545872	19.485	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	293353	18.571	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	289193	18.176	ug/l	97
89) n-Butylbenzene	14.059	91	382585	19.086	ug/l	98
90) Hexachloroethane	14.341	117	109583	20.805	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	289971	18.446	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37395	17.745	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	74328	14.815	ug/l	99
94) Hexachlorobutadiene	15.506	225	61901	21.489	ug/l	98
95) Naphthalene	15.647	128	208444	12.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	87217	15.118	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
Data File : VN078701.D
Acq On : 31 Jul 2023 13:25
Operator : JC\MD
Sample : VN0731WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 01:16:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078701.D
 Acq On : 31 Jul 2023 13:25
 Operator : JC\MD
 Sample : VN0731WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Quant Time: Aug 01 01:16:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

