

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078607.D
 Acq On : 21 Jul 2023 12:23
 Operator : JC\MD
 Sample : VN0721WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

Quant Time: Jul 21 23:20:21 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 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	474249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	813582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	721245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	318163	50.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.080%			
35) Dibromofluoromethane	8.177	113	278101	50.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	10.571	98	1026875	49.218	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.853	95	314552	48.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	101016	17.373	ug/l	95
3) Chloromethane	2.371	50	115290	18.242	ug/l	100
4) Vinyl Chloride	2.518	62	150177	18.369	ug/l	98
5) Bromomethane	2.953	94	105345	17.101	ug/l	94
6) Chloroethane	3.124	64	101809	19.411	ug/l	91
7) Trichlorofluoromethane	3.506	101	178676	18.283	ug/l	94
8) Diethyl Ether	3.971	74	61833	18.990	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	97709	18.887	ug/l	98
10) Methyl Iodide	4.600	142	123830	17.419	ug/l	99
11) Tert butyl alcohol	5.536	59	98522	100.492	ug/l	99
12) 1,1-Dichloroethene	4.347	96	93018	18.588	ug/l	94
13) Acrolein	4.195	56	102663	106.433	ug/l	94
14) Allyl chloride	5.030	41	133712	19.554	ug/l	92
15) Acrylonitrile	5.730	53	243727	98.393	ug/l	99
16) Acetone	4.442	43	184549	93.185	ug/l	95
17) Carbon Disulfide	4.718	76	220268	15.222	ug/l	99
18) Methyl Acetate	5.042	43	162262	19.354	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	309829	18.791	ug/l	96
20) Methylene Chloride	5.283	84	112828	19.106	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	100195	17.768	ug/l	91
22) Diisopropyl ether	6.683	45	306118	19.993	ug/l	92
23) Vinyl Acetate	6.618	43	925582	95.089	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	198200	19.211	ug/l	97
25) 2-Butanone	7.494	43	301080	96.577	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	159402	18.890	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	123897	18.992	ug/l	92
28) Bromochloromethane	7.818	49	98349	20.239	ug/l	90
29) Tetrahydrofuran	7.853	42	190690	93.219	ug/l	86
30) Chloroform	7.977	83	215890	20.099	ug/l	88
31) Cyclohexane	8.265	56	152530	17.752	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	186481	19.364	ug/l	100
36) 1,1-Dichloropropene	8.377	75	148637	18.639	ug/l	98
37) Ethyl Acetate	7.571	43	134741	20.269	ug/l #	94
38) Carbon Tetrachloride	8.371	117	165162	19.056	ug/l	95
39) Methylcyclohexane	9.606	83	134440	18.469	ug/l #	90
40) Benzene	8.612	78	457312	19.357	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078607.D
 Acq On : 21 Jul 2023 12:23
 Operator : JC\MD
 Sample : VN0721WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 23:20:21 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	67535	19.928	ug/l	93
42) 1,2-Dichloroethane	8.677	62	154584	19.237	ug/l	97
43) Isopropyl Acetate	8.694	43	221126	20.204	ug/l	94
44) Trichloroethene	9.359	130	117026	18.379	ug/l	95
45) 1,2-Dichloropropane	9.629	63	119757	20.014	ug/l	95
46) Dibromomethane	9.712	93	82673	19.631	ug/l	92
47) Bromodichloromethane	9.894	83	168494	19.959	ug/l	94
48) Methyl methacrylate	9.688	41	97190	19.168	ug/l	89
49) 1,4-Dioxane	9.700	88	43497	393.360	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	660198	101.414	ug/l	91
52) Toluene	10.635	92	288834	19.726	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	167655	19.385	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	184306	19.992	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	120124	20.822	ug/l	98
56) Ethyl methacrylate	10.882	69	156903	19.456	ug/l	91
57) 1,3-Dichloropropane	11.165	76	190115	19.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	257632	89.644	ug/l	95
59) 2-Hexanone	11.200	43	457485	98.879	ug/l	92
60) Dibromochloromethane	11.365	129	129007	20.256	ug/l	99
61) 1,2-Dibromoethane	11.476	107	117167	19.716	ug/l	98
64) Tetrachloroethene	11.106	164	100413	18.518	ug/l	97
65) Chlorobenzene	11.894	112	301698	18.714	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	120523	19.433	ug/l	98
67) Ethyl Benzene	11.970	91	522735	19.182	ug/l	100
68) m/p-Xylenes	12.076	106	391930	38.900	ug/l	98
69) o-Xylene	12.406	106	192803	18.946	ug/l	98
70) Styrene	12.418	104	304711	19.139	ug/l	97
71) Bromoform	12.582	173	83056	19.774	ug/l #	99
73) Isopropylbenzene	12.700	105	479616	18.252	ug/l	98
74) N-amyl acetate	12.500	43	163780	18.086	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	164695	20.620	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	126066m	18.650	ug/l	
77) Bromobenzene	12.988	156	120303	20.129	ug/l	91
78) n-propylbenzene	13.041	91	523308	18.621	ug/l	99
79) 2-Chlorotoluene	13.129	91	328388	17.840	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	396008	19.073	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	43590	16.946	ug/l	91
82) 4-Chlorotoluene	13.223	91	310039	18.055	ug/l	97
83) tert-Butylbenzene	13.441	119	332328	18.853	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	386086	19.144	ug/l	98
85) sec-Butylbenzene	13.623	105	419241	18.816	ug/l	99
86) p-Isopropyltoluene	13.735	119	339268	18.963	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	185481	18.387	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	176070	17.328	ug/l	97
89) n-Butylbenzene	14.059	91	237812	18.577	ug/l	97
90) Hexachloroethane	14.335	117	70048	20.826	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	186211	18.548	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22802	16.853	ug/l	88
93) 1,2,4-Trichlorobenzene	15.400	180	47123	14.707	ug/l	98
94) Hexachlorobutadiene	15.506	225	36352	19.398	ug/l	97
95) Naphthalene	15.647	128	134837	12.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	51495	13.977	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
Data File : VN078607.D
Acq On : 21 Jul 2023 12:23
Operator : JC\MD
Sample : VN0721WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 23:20:21 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

