

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078827.D
 Acq On : 10 Aug 2023 10:57
 Operator : JC\MD
 Sample : VN0810WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Quant Time: Aug 10 23:47:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	151369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	273069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	236558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	88898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	123684	54.504	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.000%			
35) Dibromofluoromethane	8.177	113	97495	52.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.740%			
50) Toluene-d8	10.571	98	371350	54.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.440%			
62) 4-Bromofluorobenzene	12.859	95	110095	54.285	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	41248	18.465	ug/l	93
3) Chloromethane	2.371	50	48571	18.640	ug/l	97
4) Vinyl Chloride	2.524	62	46018	18.704	ug/l	93
5) Bromomethane	2.965	94	30113	17.282	ug/l	91
6) Chloroethane	3.130	64	32931	20.356	ug/l	95
7) Trichlorofluoromethane	3.512	101	60174	17.805	ug/l	96
8) Diethyl Ether	3.971	74	20608	16.712	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	4.377	101	32783	18.623	ug/l #	87
10) Methyl Iodide	4.600	142	40605	17.964	ug/l	99
11) Tert butyl alcohol	5.536	59	28568	71.732	ug/l	96
12) 1,1-Dichloroethene	4.347	96	30641	17.321	ug/l	84
13) Acrolein	4.189	56	26205	77.767	ug/l	99
14) Allyl chloride	5.036	41	53836	18.277	ug/l #	91
15) Acrylonitrile	5.724	53	85348	82.291	ug/l	97
16) Acetone	4.442	43	86956	99.593	ug/l	97
17) Carbon Disulfide	4.724	76	87874	17.413	ug/l	99
18) Methyl Acetate	5.041	43	63966	16.312	ug/l #	83
19) Methyl tert-butyl Ether	5.812	73	105955	17.730	ug/l	99
20) Methylene Chloride	5.294	84	38524	17.816	ug/l #	84
21) trans-1,2-Dichloroethene	5.800	96	36311	18.342	ug/l	99
22) Diisopropyl ether	6.683	45	125485	17.733	ug/l #	86
23) Vinyl Acetate	6.612	43	380418m	85.665	ug/l	
24) 1,1-Dichloroethane	6.583	63	69788	18.136	ug/l	94
25) 2-Butanone	7.494	43	120251	81.333	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	55353	20.599	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	41126	18.094	ug/l	87
28) Bromochloromethane	7.824	49	42889	20.569	ug/l #	71
29) Tetrahydrofuran	7.847	42	76112	76.928	ug/l #	73
30) Chloroform	7.977	83	73116	18.866	ug/l	89
31) Cyclohexane	8.265	56	62505	18.746	ug/l #	79
32) 1,1,1-Trichloroethane	8.177	97	59835	18.164	ug/l	93
36) 1,1-Dichloropropene	8.377	75	54159	18.931	ug/l	92
37) Ethyl Acetate	7.571	43	53887	17.716	ug/l #	87
38) Carbon Tetrachloride	8.371	117	53427	18.115	ug/l	98
39) Methylcyclohexane	9.606	83	46657	17.460	ug/l #	89
40) Benzene	8.618	78	151117	17.464	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078827.D
 Acq On : 10 Aug 2023 10:57
 Operator : JC\MD
 Sample : VN0810WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Quant Time: Aug 10 23:47:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	27871	16.479	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	55894	17.971	ug/l	96
43) Isopropyl Acetate	8.700	43	83479	16.278	ug/l #	90
44) Trichloroethene	9.359	130	38019	17.940	ug/l	92
45) 1,2-Dichloropropane	9.629	63	40617	17.510	ug/l	92
46) Dibromomethane	9.712	93	27132	17.574	ug/l	95
47) Bromodichloromethane	9.894	83	55718	18.132	ug/l	96
48) Methyl methacrylate	9.688	41	36538	15.419	ug/l #	78
49) 1,4-Dioxane	9.700	88	11852	308.016	ug/l #	81
51) 4-Methyl-2-Pentanone	10.453	43	257877	82.094	ug/l #	85
52) Toluene	10.635	92	93850	17.759	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	55157	17.567	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	61300	17.970	ug/l	91
55) 1,1,2-Trichloroethane	11.023	97	35730	17.009	ug/l	93
56) Ethyl methacrylate	10.882	69	49474	16.241	ug/l #	74
57) 1,3-Dichloropropane	11.171	76	66667	18.254	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	97684	89.324	ug/l	89
59) 2-Hexanone	11.200	43	174998	78.677	ug/l	84
60) Dibromochloromethane	11.365	129	38725	17.565	ug/l	99
61) 1,2-Dibromoethane	11.476	107	36135	17.368	ug/l	97
64) Tetrachloroethene	11.106	164	32821	18.007	ug/l	95
65) Chlorobenzene	11.900	112	91951	17.068	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	36811	17.642	ug/l	97
67) Ethyl Benzene	11.970	91	165054	17.201	ug/l	96
68) m/p-Xylenes	12.076	106	124963	35.299	ug/l	100
69) o-Xylene	12.406	106	60378	17.374	ug/l	99
70) Styrene	12.417	104	97939	17.957	ug/l	99
71) Bromoform	12.588	173	22428	15.411	ug/l #	96
73) Isopropylbenzene	12.700	105	147137	16.817	ug/l	99
74) N-amyl acetate	12.500	43	61175	15.414	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	50165	16.871	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	40775m	16.965	ug/l	
77) Bromobenzene	12.988	156	35842	17.459	ug/l	97
78) n-propylbenzene	13.041	91	170263	17.706	ug/l	98
79) 2-Chlorotoluene	13.129	91	105000	16.995	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	118712	16.937	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.747	75	13190	14.726	ug/l #	72
82) 4-Chlorotoluene	13.229	91	96961	17.156	ug/l	98
83) tert-Butylbenzene	13.441	119	97297	16.667	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	114916	17.060	ug/l	100
85) sec-Butylbenzene	13.623	105	129869	17.014	ug/l	99
86) p-Isopropyltoluene	13.735	119	94723	15.607	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	55111	16.808	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	53046	16.321	ug/l	94
89) n-Butylbenzene	14.064	91	69335	15.225	ug/l	98
90) Hexachloroethane	14.335	117	20023	15.917	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	53771	17.024	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6974	15.291	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	12027	13.552	ug/l	98
94) Hexachlorobutadiene	15.506	225	9583	13.606	ug/l	93
95) Naphthalene	15.647	128	34484	11.641	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.847	180	13993	13.241	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
Data File : VN078827.D
Acq On : 10 Aug 2023 10:57
Operator : JC\MD
Sample : VN0810WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

Quant Time: Aug 10 23:47:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 05:03:52 2023
Response via : Initial Calibration

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

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

