

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077707.D
 Acq On : 17 May 2023 12:24
 Operator : JC\MD
 Sample : VN0517WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

Quant Time: May 18 01:37:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/18/2023
 Supervised By : Mahesh Dadoda 05/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	399101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	638218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	279629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	293251	49.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.220%		
35) Dibromofluoromethane	8.171	113	236604	49.638	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.280%		
50) Toluene-d8	10.570	98	915212	49.883	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.853	95	317028	48.925	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	86776	19.105	ug/l	99
3) Chloromethane	2.365	50	89605	17.440	ug/l	100
4) Vinyl Chloride	2.518	62	104069	18.173	ug/l	98
5) Bromomethane	2.965	94	79903	18.866	ug/l	95
6) Chloroethane	3.124	64	78339	18.982	ug/l	93
7) Trichlorofluoromethane	3.500	101	154321	19.337	ug/l	97
8) Diethyl Ether	3.965	74	55723	19.126	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	83440	18.893	ug/l	94
10) Methyl Iodide	4.600	142	108564	20.612	ug/l	98
11) Tert butyl alcohol	5.530	59	71814	87.139	ug/l	98
12) 1,1-Dichloroethene	4.347	96	80159	19.096	ug/l	83
13) Acrolein	4.189	56	58826	97.172	ug/l	98
14) Allyl chloride	5.030	41	110207	17.872	ug/l	91
15) Acrylonitrile	5.730	53	199743	90.719	ug/l	98
16) Acetone	4.441	43	162388	86.435	ug/l	94
17) Carbon Disulfide	4.718	76	189031	16.713	ug/l	97
18) Methyl Acetate	5.030	43	143657	18.227	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	285503	18.791	ug/l	99
20) Methylene Chloride	5.283	84	96015	18.386	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	87195	18.492	ug/l	92
22) Diisopropyl ether	6.677	45	264422	18.294	ug/l	94
23) Vinyl Acetate	6.612	43	778703	86.954	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	169539	19.146	ug/l	94
25) 2-Butanone	7.488	43	264500	89.999	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	141279	18.779	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	104194	18.429	ug/l	89
28) Bromochloromethane	7.824	49	77340	20.195	ug/l	84
29) Tetrahydrofuran	7.841	42	168168	87.388	ug/l #	84
30) Chloroform	7.971	83	182034	18.687	ug/l	91
31) Cyclohexane	8.265	56	145286	17.901	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	161021	19.443	ug/l	96
36) 1,1-Dichloropropene	8.377	75	131193	18.817	ug/l	97
37) Ethyl Acetate	7.565	43	106231	17.095	ug/l	98
38) Carbon Tetrachloride	8.371	117	136244	19.352	ug/l	96
39) Methylcyclohexane	9.606	83	161800	18.956	ug/l	89
40) Benzene	8.612	78	389890	18.951	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58336	17.627	ug/l	91
42) 1,2-Dichloroethane	8.671	62	141437	18.925	ug/l	96
43) Isopropyl Acetate	8.694	43	184437	18.171	ug/l #	94
44) Trichloroethene	9.353	130	98586	18.924	ug/l	97
45) 1,2-Dichloropropane	9.623	63	100992	19.245	ug/l	96
46) Dibromomethane	9.712	93	70988	18.904	ug/l	98
47) Bromodichloromethane	9.894	83	141294	19.653	ug/l	99
48) Methyl methacrylate	9.682	41	88904	18.474	ug/l	87
49) 1,4-Dioxane	9.700	88	32882	361.766	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	561097	92.999	ug/l	92
52) Toluene	10.635	92	246890	19.276	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	139819	18.365	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	155178	18.496	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	96859	19.045	ug/l	98
56) Ethyl methacrylate	10.876	69	145496	18.921	ug/l	92
57) 1,3-Dichloropropane	11.170	76	170320	19.536	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	371416	98.182	ug/l	91
59) 2-Hexanone	11.200	43	401095	89.878	ug/l	94
60) Dibromochloromethane	11.365	129	101308	19.296	ug/l	99
61) 1,2-Dibromoethane	11.476	107	97916	19.299	ug/l	98
64) Tetrachloroethene	11.112	164	93746	21.004	ug/l	99
65) Chlorobenzene	11.900	112	260954	18.861	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	92536	19.329	ug/l	97
67) Ethyl Benzene	11.970	91	474824	19.150	ug/l	99
68) m/p-Xylenes	12.076	106	360725	38.396	ug/l	96
69) o-Xylene	12.406	106	176526	19.106	ug/l	94
70) Styrene	12.417	104	284026	19.351	ug/l	97
71) Bromoform	12.582	173	62402	19.594	ug/l #	98
73) Isopropylbenzene	12.700	105	465413	19.308	ug/l	100
74) N-amyl acetate	12.500	43	151554	17.010	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	135104	18.220	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	131943m	18.841	ug/l	
77) Bromobenzene	12.988	156	100753	18.316	ug/l	97
78) n-propylbenzene	13.041	91	531223	18.694	ug/l	100
79) 2-Chlorotoluene	13.129	91	320462	18.898	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	394364	19.466	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	37718	17.217	ug/l #	80
82) 4-Chlorotoluene	13.229	91	309826	18.364	ug/l	100
83) tert-Butylbenzene	13.447	119	337764	19.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	388237	19.486	ug/l	100
85) sec-Butylbenzene	13.623	105	472366	18.794	ug/l	100
86) p-Isopropyltoluene	13.735	119	387297	19.328	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	189198	18.599	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	189813	18.803	ug/l	99
89) n-Butylbenzene	14.064	91	333144	18.076	ug/l	100
90) Hexachloroethane	14.341	117	63506	19.292	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	181592	19.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25605	17.835	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	92768	16.704	ug/l	98
94) Hexachlorobutadiene	15.511	225	41283	17.904	ug/l	97
95) Naphthalene	15.647	128	310909	16.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	92121	16.942	ug/l	97

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

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