

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070908.D
 Acq On : 2 Feb 2022 22:49
 Operator : JC/MD
 Sample : VN0202WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 05:59:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	729920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1224250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1113225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	463097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	515672	52.192	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.380%			
35) Dibromofluoromethane	8.024	113	379642	51.765	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.520%			
50) Toluene-d8	10.440	98	1558177	51.745	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.500%			
62) 4-Bromofluorobenzene	12.731	95	544204	50.156	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	169391	20.915	ug/l	98
3) Chloromethane	2.303	50	224571	21.954	ug/l	98
4) Vinyl Chloride	2.445	62	138113	16.162	ug/l	97
5) Bromomethane	2.856	94	91925	21.032	ug/l	99
6) Chloroethane	3.022	64	88081	22.727	ug/l	98
7) Trichlorofluoromethane	3.376	101	201471	21.112	ug/l	97
8) Diethyl Ether	3.824	74	115914	20.943	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.205	101	146664	20.368	ug/l	97
10) Methyl Iodide	4.419	142	208332	19.608	ug/l	98
11) Tert butyl alcohol	5.382	59	212161	102.192	ug/l	97
12) 1,1-Dichloroethene	4.178	96	150895	20.513	ug/l	92
13) Acrolein	4.041	56	210551	92.117	ug/l	98
14) Allyl chloride	4.838	41	344040	20.531	ug/l #	84
15) Acrylonitrile	5.556	53	628407	108.388	ug/l	99
16) Acetone	4.291	43	535872	90.705	ug/l	96
17) Carbon Disulfide	4.527	76	446604	19.549	ug/l	99
18) Methyl Acetate	4.859	43	296137	21.722	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	579237	20.624	ug/l	96
20) Methylene Chloride	5.092	84	183945	20.503	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	158087	20.157	ug/l	88
22) Diisopropyl ether	6.498	45	697412	21.486	ug/l	93
23) Vinyl Acetate	6.436	43	3042100	105.960	ug/l	94
24) 1,1-Dichloroethane	6.388	63	336454	20.587	ug/l	98
25) 2-Butanone	7.337	43	880325	103.231	ug/l	93
26) 2,2-Dichloropropane	7.327	77	235767	18.369	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	188950	20.399	ug/l	88
28) Bromochloromethane	7.659	49	147230	20.645	ug/l #	77
29) Tetrahydrofuran	7.689	42	617743	111.522	ug/l	88
30) Chloroform	7.820	83	320559	20.618	ug/l	99
31) Cyclohexane	8.094	56	342171	20.383	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	269416	20.529	ug/l	98
36) 1,1-Dichloropropene	8.220	75	238571	20.024	ug/l	96
37) Ethyl Acetate	7.418	43	361118	21.991	ug/l	97
38) Carbon Tetrachloride	8.206	117	216751	19.921	ug/l	99
39) Methylcyclohexane	9.459	83	289744	19.782	ug/l	89
40) Benzene	8.461	78	753287	20.124	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	172588	20.918	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	256284	20.112	ug/l	100
43) Isopropyl Acetate	8.563	43	538681	19.514	ug/l #	95
44) Trichloroethene	9.217	130	171848	19.841	ug/l	94
45) 1,2-Dichloropropane	9.491	63	206048	20.557	ug/l	99
46) Dibromomethane	9.577	93	121192	20.183	ug/l	96
47) Bromodichloromethane	9.762	83	245325	20.283	ug/l	97
48) Methyl methacrylate	9.561	41	259046	21.765	ug/l #	78
49) 1,4-Dioxane	9.569	88	82942	416.004	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	1752181	107.838	ug/l	98
52) Toluene	10.505	92	459592	19.816	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	265436	19.446	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	294714	19.852	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	178882	20.309	ug/l	97
56) Ethyl methacrylate	10.762	69	314352	20.490	ug/l	90
57) 1,3-Dichloropropane	11.044	76	319621	20.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	280213	81.802	ug/l	90
59) 2-Hexanone	11.087	43	1268636	106.940	ug/l	97
60) Dibromochloromethane	11.237	129	172276	19.720	ug/l	99
61) 1,2-Dibromoethane	11.347	107	183118	20.214	ug/l	99
64) Tetrachloroethene	10.977	164	147000	20.175	ug/l	95
65) Chlorobenzene	11.771	112	456694	19.601	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	163652	20.125	ug/l	99
67) Ethyl Benzene	11.843	91	856499	20.166	ug/l	97
68) m/p-Xylenes	11.953	106	635383	40.375	ug/l	93
69) o-Xylene	12.280	106	314331	19.957	ug/l	93
70) Styrene	12.294	104	507385	20.440	ug/l	96
71) Bromoform	12.457	173	130606	19.452	ug/l #	100
73) Isopropylbenzene	12.578	105	814920	20.169	ug/l	98
74) N-amyl acetate	12.387	43	369551	20.422	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	291078	20.798	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	236925m	21.255	ug/l	
77) Bromobenzene	12.859	156	190458	19.663	ug/l	77
78) n-propylbenzene	12.921	91	920006	19.966	ug/l	95
79) 2-Chlorotoluene	13.007	91	572516	19.981	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	666135	20.338	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	79893	19.428	ug/l	94
82) 4-Chlorotoluene	13.103	91	551888	19.985	ug/l	91
83) tert-Butylbenzene	13.323	119	566536	19.833	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	652657	20.377	ug/l	97
85) sec-Butylbenzene	13.500	105	798006	19.968	ug/l	97
86) p-Isopropyltoluene	13.616	119	626570	19.881	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	318756	19.783	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	312348	19.380	ug/l	97
89) n-Butylbenzene	13.943	91	512612	18.457	ug/l	97
90) Hexachloroethane	14.208	117	109690	19.639	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	310051	20.058	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	51755	20.408	ug/l	83
93) 1,2,4-Trichlorobenzene	15.265	180	157346	18.395	ug/l	97
94) Hexachlorobutadiene	15.370	225	98870	19.152	ug/l	98
95) Naphthalene	15.507	128	435910	20.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	155379	20.100	ug/l	99

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

