

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063792.D
 Acq On : 2 Oct 2020 00:32
 Operator : JC/MD
 Sample : VN1001WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:12:02 PM

Quant Time: Oct 02 03:58:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	236267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	384449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209677	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
35) Dibromofluoromethane	7.55	113	141648	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.06	98	509446	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	189665	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43305	17.371	ug/l	95
3) Chloromethane	2.04	50	55192	18.868	ug/l	98
4) Vinyl Chloride	2.16	62	54531	18.571	ug/l	97
5) Bromomethane	2.54	94	34686	18.780	ug/l	92
6) Chloroethane	2.68	64	34859	19.867	ug/l	100
7) Trichlorofluoromethane	2.99	101	88965	19.104	ug/l	96
8) Diethyl Ether	3.37	74	32734	20.784	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44106	17.720	ug/l	98
10) Methyl Iodide	3.91	142	53354	18.461	ug/l	99
11) Tert butyl alcohol	4.73	59	46230	107.278	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	43669	18.355	ug/l	98
13) Acrolein	3.57	56	21954	83.007	ug/l	98
14) Allyl chloride	4.28	41	77577	17.551	ug/l	95
15) Acrylonitrile	4.93	53	124037	100.555	ug/l	99
16) Acetone	3.77	43	121376	101.015	ug/l	96
17) Carbon Disulfide	4.01	76	117618	18.735	ug/l	99
18) Methyl Acetate	4.28	43	64803	20.772	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	176794	20.453	ug/l	99
20) Methylene Chloride	4.51	84	58484	21.307	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	49113	18.430	ug/l	96
22) Diisopropyl ether	5.90	45	189897	20.882	ug/l	96
23) Vinyl Acetate	5.85	43	769361	102.132	ug/l	100
24) 1,1-Dichloroethane	5.80	63	104150	20.030	ug/l	99
25) 2-Butanone	6.78	43	181456	106.519	ug/l	98
26) 2,2-Dichloropropane	6.78	77	71477	15.011	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	59057	19.269	ug/l	98
28) Bromochloromethane	7.15	49	57707	22.455	ug/l	99
29) Tetrahydrofuran	7.17	42	122303	107.045	ug/l	96
30) Chloroform	7.33	83	108364	19.988	ug/l	97
31) Cyclohexane	7.61	56	78592	17.343	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	95619	19.553	ug/l	99
36) 1,1-Dichloropropene	7.75	75	72143	17.505	ug/l	99
37) Ethyl Acetate	6.88	43	76245	18.621	ug/l	99
38) Carbon Tetrachloride	7.73	117	82334	17.816	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63359	15.416	ug/l	99
40) Benzene	8.00	78	218032	18.522	ug/l	100
41) Methacrylonitrile	7.13	41	35950	19.755	ug/l	93
42) 1,2-Dichloroethane	8.08	62	95751	19.056	ug/l	100
43) Isopropyl Acetate	8.13	43	132361	19.598	ug/l #	90
44) Trichloroethene	8.80	130	53918	17.482	ug/l	97
45) 1,2-Dichloropropane	9.09	63	62668	19.713	ug/l	99
46) Dibromomethane	9.17	93	42475	19.368	ug/l	97
47) Bromodichloromethane	9.37	83	89056	19.703	ug/l	99
48) Methyl methacrylate	9.17	41	66639	19.971	ug/l	95
49) 1,4-Dioxane	9.16	88	18485	389.789	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	403954	101.921	ug/l	100
52) Toluene	10.13	92	135839	18.657	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	86771	17.909	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	92254	18.207	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56075	19.204	ug/l	95
56) Ethyl methacrylate	10.40	69	79629	19.239	ug/l	99
57) 1,3-Dichloropropane	10.68	76	96250	19.484	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	205755	92.936	ug/l	99
59) 2-Hexanone	10.72	43	287039	97.491	ug/l	97
60) Dibromochloromethane	10.87	129	62076	18.255	ug/l	99
61) 1,2-Dibromoethane	10.98	107	57149	19.133	ug/l	97
64) Tetrachloroethene	10.60	164	48839	16.420	ug/l	98
65) Chlorobenzene	11.41	112	140995	17.879	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	55258	18.277	ug/l	95
67) Ethyl Benzene	11.49	91	252315	17.583	ug/l	98
68) m/p-Xylenes	11.60	106	187473	35.053	ug/l	99
69) o-Xylene	11.92	106	89595	17.923	ug/l	98
70) Styrene	11.94	104	152999	18.031	ug/l	99
71) Bromoform	12.10	173	40798	17.644	ug/l #	96
73) Isopropylbenzene	12.23	105	231453	18.280	ug/l	99
74) N-amyl acetate	12.05	43	109114	19.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79243	20.467	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	76766m	20.061	ug/l	
77) Bromobenzene	12.50	156	59562	19.171	ug/l	96
78) n-propylbenzene	12.57	91	264566	17.954	ug/l	98
79) 2-Chlorotoluene	12.65	91	168333	18.574	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	195661	18.420	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23171	17.440	ug/l	93
82) 4-Chlorotoluene	12.75	91	175790	18.685	ug/l	100
83) tert-Butylbenzene	12.97	119	154778	17.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	198147	18.683	ug/l	100
85) sec-Butylbenzene	13.15	105	198040	17.353	ug/l	99
86) p-Isopropyltoluene	13.26	119	173418	17.177	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	101671	18.089	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	104708	17.892	ug/l	99
89) n-Butylbenzene	13.59	91	149800	16.076	ug/l	99
90) Hexachloroethane	13.85	117	33595	17.172	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	105355	18.924	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18387	20.250	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47832	16.988	ug/l	96
94) Hexachlorobutadiene	14.98	225	25761	17.110	ug/l	98
95) Naphthalene	15.11	128	157239	18.065	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	47715	17.310	ug/l	99

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

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