

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063812.D
 Acq On : 2 Oct 2020 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:17 PM

Quant Time: Oct 05 04:30:48 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	7.62	168	277662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	440678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	209852	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	7.55	113	143464	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	10.06	98	544452	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.38	95	209201	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	147407	50.313	ug/l	99
3) Chloromethane	2.04	50	165101	48.027	ug/l	98
4) Vinyl Chloride	2.16	62	163838	47.479	ug/l	99
5) Bromomethane	2.52	94	112224	51.704	ug/l	98
6) Chloroethane	2.67	64	104948	50.896	ug/l	96
7) Trichlorofluoromethane	2.98	101	277017	50.617	ug/l	99
8) Diethyl Ether	3.37	74	94930	51.289	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	148599	50.800	ug/l	100
10) Methyl Iodide	3.91	142	181854	53.543	ug/l	99
11) Tert butyl alcohol	4.73	59	150605	297.381	ug/l	99
12) 1,1-Dichloroethene	3.69	96	140397	50.213	ug/l	96
13) Acrolein	3.56	56	61908	199.174	ug/l	96
14) Allyl chloride	4.28	41	253780	48.856	ug/l	97
15) Acrylonitrile	4.92	53	394417	272.078	ug/l	99
16) Acetone	3.77	43	396931	281.097	ug/l	99
17) Carbon Disulfide	4.01	76	377473	49.950	ug/l	99
18) Methyl Acetate	4.27	43	201364	54.923	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	540518	53.210	ug/l	99
20) Methylene Chloride	4.50	84	165223	51.082	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	156029	49.821	ug/l	97
22) Diisopropyl ether	5.90	45	576909	53.981	ug/l	99
23) Vinyl Acetate	5.84	43	2444497	276.125	ug/l	99
24) 1,1-Dichloroethane	5.79	63	311576	50.989	ug/l	99
25) 2-Butanone	6.78	43	590336	294.876	ug/l	99
26) 2,2-Dichloropropane	6.77	77	291489	52.089	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	185727	51.564	ug/l	99
28) Bromochloromethane	7.14	49	143885	47.641	ug/l	99
29) Tetrahydrofuran	7.16	42	380288	283.223	ug/l	98
30) Chloroform	7.33	83	330343	51.847	ug/l	94
31) Cyclohexane	7.61	56	257932	48.434	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	300294	52.253	ug/l	100
36) 1,1-Dichloropropene	7.75	75	237543	53.207	ug/l	99
37) Ethyl Acetate	6.88	43	237376	53.517	ug/l	99
38) Carbon Tetrachloride	7.73	117	261198	52.174	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	231403	51.976	ug/l	99
40) Benzene	8.00	78	679921	53.320	ug/l	98
41) Methacrylonitrile	7.12	41	99997m	50.726	ug/l	
42) 1,2-Dichloroethane	8.08	62	294893	54.176	ug/l	99
43) Isopropyl Acetate	8.12	43	419137	57.289	ug/l #	91
44) Trichloroethene	8.80	130	177121	53.012	ug/l	97
45) 1,2-Dichloropropane	9.08	63	185072	53.740	ug/l	100
46) Dibromomethane	9.17	93	128256	53.986	ug/l	99
47) Bromodichloromethane	9.37	83	271213	55.392	ug/l	99
48) Methyl methacrylate	9.16	41	208456	57.669	ug/l	96
49) 1,4-Dioxane	9.16	88	62444	1215.513	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1283978	299.052	ug/l	100
52) Toluene	10.12	92	434373	55.072	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	295503	56.303	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	307659	56.050	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	178623	56.471	ug/l	99
56) Ethyl methacrylate	10.40	69	265087	59.124	ug/l	98
57) 1,3-Dichloropropane	10.68	76	300502	56.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	690521	287.919	ug/l	100
59) 2-Hexanone	10.72	43	974211	305.445	ug/l	100
60) Dibromochloromethane	10.87	129	203694	55.296	ug/l	99
61) 1,2-Dibromoethane	10.98	107	184321	56.966	ug/l	99
64) Tetrachloroethene	10.60	164	162290	50.278	ug/l	96
65) Chlorobenzene	11.41	112	465515	54.394	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	180722	55.081	ug/l	100
67) Ethyl Benzene	11.48	91	865467	55.575	ug/l	100
68) m/p-Xylenes	11.59	106	635843	109.552	ug/l	97
69) o-Xylene	11.92	106	304662	56.161	ug/l	100
70) Styrene	11.94	104	532026	57.776	ug/l	100
71) Bromoform	12.10	173	138931	55.365	ug/l #	98
73) Isopropylbenzene	12.22	105	831327	54.221	ug/l	99
74) N-amyl acetate	12.05	43	387233	54.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	251612	53.666	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	239239m	51.629	ug/l	
77) Bromobenzene	12.50	156	201634	53.595	ug/l	99
78) n-propylbenzene	12.57	91	963208	53.980	ug/l	100
79) 2-Chlorotoluene	12.65	91	582828	53.109	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	702145	54.586	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	92193	57.303	ug/l	99
82) 4-Chlorotoluene	12.75	91	634039	55.654	ug/l	100
83) tert-Butylbenzene	12.97	119	563128	53.521	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	714895	55.666	ug/l	98
85) sec-Butylbenzene	13.14	105	744600	53.880	ug/l	100
86) p-Isopropyltoluene	13.26	119	668561	54.685	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	361944	53.178	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	367912	51.915	ug/l	99
89) n-Butylbenzene	13.59	91	588219	52.130	ug/l	100
90) Hexachloroethane	13.85	117	123202	52.005	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	360150	53.423	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57313	52.125	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	173282	47.365	ug/l	98
94) Hexachlorobutadiene	14.98	225	96091	52.567	ug/l	97
95) Naphthalene	15.10	128	533620	47.160	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	167807	47.286	ug/l	100

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

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