

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054032.D
 Acq On : 1 Mar 2019 16:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:53:35 PM

Quant Time: Mar 02 05:06:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	713257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1070810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	939390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	427218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	395451	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
35) Dibromofluoromethane	7.59	113	350337	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.09	98	1300737	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	432423	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	301288	45.898	ug/l	99
3) Chloromethane	2.06	50	411555	45.200	ug/l	99
4) Vinyl Chloride	2.19	62	418022	45.821	ug/l	99
5) Bromomethane	2.57	94	253197	41.907	ug/l	99
6) Chloroethane	2.71	64	248752	43.843	ug/l	99
7) Trichlorofluoromethane	3.02	101	529713	45.450	ug/l	100
8) Diethyl Ether	3.41	74	203021	46.495	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	343113	46.613	ug/l	94
10) Methyl Iodide	3.95	142	461449	47.709	ug/l	98
11) Tert butyl alcohol	4.77	59	119665	225.768	ug/l	99
12) 1,1-Dichloroethene	3.74	96	317569	45.103	ug/l	93
13) Acrolein	3.60	56	99576	181.454	ug/l	100
14) Allyl chloride	4.32	41	599959	48.583	ug/l	95
15) Acrylonitrile	4.98	53	662832	237.273	ug/l	98
16) Acetone	3.81	43	635607	289.085	ug/l	94
17) Carbon Disulfide	4.05	76	968296	42.629	ug/l	99
18) Methyl Acetate	4.32	43	296503	50.716	ug/l	93
19) Methyl tert-butyl Ether	5.04	73	901063	47.706	ug/l	98
20) Methylene Chloride	4.55	84	368303	44.507	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	349209	45.824	ug/l	91
22) Diisopropyl ether	5.95	45	1189419	49.925	ug/l	97
23) Vinyl Acetate	5.89	43	4214470	245.904	ug/l	95
24) 1,1-Dichloroethane	5.85	63	683996	46.817	ug/l	99
25) 2-Butanone	6.83	43	825915	251.579	ug/l	95
26) 2,2-Dichloropropane	6.82	77	510275	49.160	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	396425	46.775	ug/l	93
28) Bromochloromethane	7.19	49	323586	48.388	ug/l #	81
29) Tetrahydrofuran	7.21	42	510684	233.593	ug/l	92
30) Chloroform	7.37	83	656889	46.369	ug/l	98
31) Cyclohexane	7.65	56	645122	48.236	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	546920	46.822	ug/l	96
36) 1,1-Dichloropropene	7.79	75	511865	51.402	ug/l	96
37) Ethyl Acetate	6.93	43	335766	47.222	ug/l	97
38) Carbon Tetrachloride	7.77	117	482893	46.626	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	614841	51.226	ug/l	95
40) Benzene	8.04	78	1505991	49.228	ug/l	100
41) Methacrylonitrile	7.19	41	225245m	49.196	ug/l	
42) 1,2-Dichloroethane	8.12	62	472381	49.876	ug/l	97
43) Isopropyl Acetate	8.16	43	585734	48.789	ug/l	95
44) Trichloroethene	8.83	130	393765	48.552	ug/l	95
45) 1,2-Dichloropropane	9.12	63	410545	49.742	ug/l	98
46) Dibromomethane	9.21	93	236260	49.307	ug/l	91
47) Bromodichloromethane	9.40	83	501465	49.660	ug/l	98
48) Methyl methacrylate	9.20	41	287218	52.012	ug/l	93
49) 1,4-Dioxane	9.20	88	75748	1012.754	ug/l #	95
51) 4-Methyl-2-Pentanone	9.98	43	1640993	265.996	ug/l	96
52) Toluene	10.16	92	906259	50.310	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	510549	51.963	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	599062	51.720	ug/l #	92
55) 1,1,2-Trichloroethane	10.56	97	328604	48.846	ug/l	98
56) Ethyl methacrylate	10.43	69	412048	46.841	ug/l	89
57) 1,3-Dichloropropane	10.71	76	569347	50.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	979644	239.167	ug/l	95
59) 2-Hexanone	10.75	43	1090353	271.748	ug/l	93
60) Dibromochloromethane	10.90	129	364887	48.804	ug/l	99
61) 1,2-Dibromoethane	11.00	107	314275	48.428	ug/l	99
64) Tetrachloroethene	10.63	164	384505	48.338	ug/l	97
65) Chlorobenzene	11.43	112	963786	48.613	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	350288	49.024	ug/l	99
67) Ethyl Benzene	11.51	91	1692006	50.909	ug/l	98
68) m/p-Xylenes	11.62	106	1285834	102.505	ug/l	95
69) o-Xylene	11.95	106	617151	50.071	ug/l	97
70) Styrene	11.96	104	1009498	53.249	ug/l	99
71) Bromoform	12.13	173	238369	47.954	ug/l #	100
73) Isopropylbenzene	12.25	105	1629581	49.001	ug/l	98
74) N-amyl acetate	12.07	43	457132	52.446	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	384308	46.212	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	328259m	47.898	ug/l	
77) Bromobenzene	12.53	156	402659	47.689	ug/l	89
78) n-propylbenzene	12.59	91	1938675	51.259	ug/l	97
79) 2-Chlorotoluene	12.67	91	1129772	49.726	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1375114	50.508	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	105456	48.634	ug/l	91
82) 4-Chlorotoluene	12.77	91	1141532	50.837	ug/l	96
83) tert-Butylbenzene	12.99	119	1156703	48.037	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1381722	50.835	ug/l	99
85) sec-Butylbenzene	13.17	105	1613266	49.053	ug/l	98
86) p-Isopropyltoluene	13.29	119	1397810	50.275	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	723241	49.515	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	706615	49.864	ug/l	99
89) n-Butylbenzene	13.62	91	1236365	52.765	ug/l	99
90) Hexachloroethane	13.87	117	245625	45.590	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	687109	48.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57636	49.043	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	352861	45.161	ug/l	97
94) Hexachlorobutadiene	15.01	225	229123	44.861	ug/l	99
95) Naphthalene	15.13	128	700565	41.967	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	328524	43.815	ug/l	98

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

