

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054227.D
 Acq On : 13 Mar 2019 22:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 10:28:12 AM

Quant Time: Mar 14 08:17:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1399710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2137109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1905685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	945495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	742914	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	7.59	113	681573	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	2488570	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	886427	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	691802	52.150	ug/l	99
3) Chloromethane	2.06	50	603297	46.818	ug/l	100
4) Vinyl Chloride	2.19	62	723507	49.124	ug/l	99
5) Bromomethane	2.57	94	432177	42.368	ug/l	97
6) Chloroethane	2.71	64	428156	48.047	ug/l	99
7) Trichlorofluoromethane	3.02	101	957361	48.891	ug/l	100
8) Diethyl Ether	3.41	74	479255	53.708	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	781165	53.235	ug/l	100
10) Methyl Iodide	3.94	142	820879	39.709	ug/l	99
11) Tert butyl alcohol	4.81	59	232771	228.418	ug/l	97
12) 1,1-Dichloroethene	3.73	96	768773	52.868	ug/l	100
13) Acrolein	3.61	56	200631	207.769	ug/l	99
14) Allyl chloride	4.32	41	931211	49.912	ug/l	99
15) Acrylonitrile	4.99	53	1078957	257.755	ug/l	99
16) Acetone	3.82	43	840786	197.545	ug/l	98
17) Carbon Disulfide	4.04	76	1730813	47.481	ug/l	99
18) Methyl Acetate	4.33	43	477354	55.435	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1883160	52.246	ug/l	99
20) Methylene Chloride	4.55	84	722040	51.665	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	716802	51.448	ug/l	98
22) Diisopropyl ether	5.96	45	1971645	52.949	ug/l	98
23) Vinyl Acetate	5.90	43	7179251	261.495	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1243503	52.010	ug/l	99
25) 2-Butanone	6.85	43	1253596	250.948	ug/l	100
26) 2,2-Dichloropropane	6.82	77	929630	44.215	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	832600	53.566	ug/l	98
28) Bromochloromethane	7.19	49	509303	52.107	ug/l	99
29) Tetrahydrofuran	7.22	42	820679	255.513	ug/l	100
30) Chloroform	7.37	83	1325437	53.126	ug/l	99
31) Cyclohexane	7.65	56	1124235	50.303	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1169503	51.904	ug/l	100
36) 1,1-Dichloropropene	7.79	75	997278	50.672	ug/l	99
37) Ethyl Acetate	6.94	43	561229	49.629	ug/l	99
38) Carbon Tetrachloride	7.77	117	1021632	49.500	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1208716	49.916	ug/l	99
40) Benzene	8.04	78	2922663	51.895	ug/l	99
41) Methacrylonitrile	7.17	41	342259	53.008	ug/l	96
42) 1,2-Dichloroethane	8.13	62	979469	51.513	ug/l	100
43) Isopropyl Acetate	8.17	43	988008	49.775	ug/l	98
44) Trichloroethene	8.84	130	905441	51.753	ug/l	98
45) 1,2-Dichloropropane	9.12	63	733545	52.454	ug/l	100
46) Dibromomethane	9.21	93	490189	51.878	ug/l	99
47) Bromodichloromethane	9.40	83	985404	52.021	ug/l	99
48) Methyl methacrylate	9.20	41	508728	50.503	ug/l	95
49) 1,4-Dioxane	9.20	88	145637	1022.122	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2766724	263.386	ug/l	100
52) Toluene	10.16	92	1868734	52.331	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	969565	44.960	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1127242	51.067	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	683735	52.437	ug/l	99
56) Ethyl methacrylate	10.43	69	832032	53.516	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1114609	52.278	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1549388	231.070	ug/l	100
59) 2-Hexanone	10.75	43	1740778	249.052	ug/l	99
60) Dibromochloromethane	10.90	129	764301	52.077	ug/l	99
61) 1,2-Dibromoethane	11.01	107	698087	52.684	ug/l	99
64) Tetrachloroethene	10.63	164	900485	48.873	ug/l	98
65) Chlorobenzene	11.44	112	2170823	51.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	787815	51.828	ug/l	99
67) Ethyl Benzene	11.51	91	3549977	51.180	ug/l	100
68) m/p-Xylenes	11.62	106	2811168	103.694	ug/l	100
69) o-Xylene	11.95	106	1375868	52.061	ug/l	99
70) Styrene	11.96	104	2194836	52.954	ug/l	99
71) Bromoform	12.13	173	513331	44.569	ug/l #	100
73) Isopropylbenzene	12.25	105	3654189	48.307	ug/l	100
74) N-amyl acetate	12.07	43	827646	49.292	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	790257	49.033	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	656592m	47.223	ug/l	
77) Bromobenzene	12.53	156	990027	49.459	ug/l	98
78) n-propylbenzene	12.59	91	4027028	49.062	ug/l	100
79) 2-Chlorotoluene	12.67	91	2392847	48.485	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3048154	48.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	170425	41.901	ug/l	95
82) 4-Chlorotoluene	12.77	91	2431929	49.349	ug/l	99
83) tert-Butylbenzene	12.99	119	2782669	48.047	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3070012	49.734	ug/l	100
85) sec-Butylbenzene	13.17	105	3638256	48.440	ug/l	99
86) p-Isopropyltoluene	13.29	119	3232319	49.055	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1728631	51.250	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1686131	50.888	ug/l	99
89) n-Butylbenzene	13.62	91	2580919	51.551	ug/l	100
90) Hexachloroethane	13.87	117	512036	46.930	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1692717	51.336	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	121316	48.644	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	971279	48.852	ug/l	99
94) Hexachlorobutadiene	15.01	225	575317	45.807	ug/l	99
95) Naphthalene	15.13	128	1940841	47.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	959027	54.741	ug/l	99

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

