

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
 Data File : VN053561.D
 Acq On : 30 Jan 2019 10:12
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 9:18:23 AM

Quant Time: Jan 30 10:39:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 30 10:36:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	740828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1116013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	990104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	481296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	363782	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	7.59	113	349022	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
50) Toluene-d8	10.09	98	1307421	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	437547	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	415066	65.646	ug/l	99
3) Chloromethane	2.06	50	438756	51.144	ug/l	99
4) Vinyl Chloride	2.18	62	430182	51.952	ug/l	100
5) Bromomethane	2.57	94	272839	48.378	ug/l	98
6) Chloroethane	2.71	64	240502	48.644	ug/l	99
7) Trichlorofluoromethane	3.02	101	573742	52.805	ug/l	100
8) Diethyl Ether	3.41	74	209026	51.757	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	349505	51.152	ug/l	98
10) Methyl Iodide	3.95	142	555572	52.831	ug/l	99
11) Tert butyl alcohol	4.78	59	107063	284.132	ug/l	99
12) 1,1-Dichloroethene	3.74	96	340936	51.404	ug/l	97
13) Acrolein	3.61	56	47714	86.869	ug/l	96
14) Allyl chloride	4.33	41	547332	51.133	ug/l	99
15) Acrylonitrile	4.99	53	596779	253.667	ug/l	100
16) Acetone	3.81	43	443233	254.680	ug/l	99
17) Carbon Disulfide	4.06	76	1050034	52.130	ug/l	99
18) Methyl Acetate	4.32	43	267378	46.728	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	885196	50.608	ug/l	100
20) Methylene Chloride	4.55	84	376196	48.146	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	364414	51.526	ug/l	99
22) Diisopropyl ether	5.95	45	1031863	46.963	ug/l	96
23) Vinyl Acetate	5.90	43	3658025	265.485	ug/l	99
24) 1,1-Dichloroethane	5.85	63	660616	50.062	ug/l	99
25) 2-Butanone	6.83	43	676628	255.157	ug/l	99
26) 2,2-Dichloropropane	6.82	77	506270	50.600	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	411865	51.011	ug/l	98
28) Bromochloromethane	7.20	49	289010	49.749	ug/l	97
29) Tetrahydrofuran	7.21	42	445663	257.909	ug/l	98
30) Chloroform	7.37	83	642866	49.942	ug/l	98
31) Cyclohexane	7.65	56	613687	42.366	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	550347	50.311	ug/l	99
36) 1,1-Dichloropropene	7.79	75	498417	49.271	ug/l	98
37) Ethyl Acetate	6.93	43	300551	51.470	ug/l	100
38) Carbon Tetrachloride	7.77	117	497399	51.406	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	611351	49.033	ug/l	98
40) Benzene	8.04	78	1528461	49.651	ug/l	100
41) Methacrylonitrile	7.17	41	155216	50.434	ug/l	91
42) 1,2-Dichloroethane	8.12	62	445742	49.634	ug/l	99
43) Isopropyl Acetate	8.17	43	520785	49.963	ug/l #	89
44) Trichloroethene	8.83	130	419833	49.177	ug/l	99
45) 1,2-Dichloropropane	9.12	63	395902	48.687	ug/l	100
46) Dibromomethane	9.21	93	231851	49.402	ug/l	97
47) Bromodichloromethane	9.40	83	487332	49.466	ug/l	99
48) Methyl methacrylate	9.20	41	254695	47.654	ug/l	95
49) 1,4-Dioxane	9.20	88	69788	1236.942	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1378287	243.470	ug/l	99
52) Toluene	10.16	92	923587	48.587	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	501393	50.393	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	592042	50.579	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	332636	50.451	ug/l	97
56) Ethyl methacrylate	10.43	69	408788	49.343	ug/l	99
57) 1,3-Dichloropropane	10.71	76	555882	49.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1166913	253.941	ug/l	99
59) 2-Hexanone	10.75	43	921439	233.277	ug/l	99
60) Dibromochloromethane	10.90	129	376106	50.362	ug/l	99
61) 1,2-Dibromoethane	11.01	107	321027	48.572	ug/l	100
64) Tetrachloroethene	10.63	164	411447	44.881	ug/l	99
65) Chlorobenzene	11.43	112	1015452	48.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	362254	49.773	ug/l	99
67) Ethyl Benzene	11.51	91	1714307	48.473	ug/l	100
68) m/p-Xylenes	11.62	106	1328400	99.316	ug/l	99
69) o-Xylene	11.95	106	644185	49.521	ug/l	99
70) Styrene	11.96	104	1051441	49.944	ug/l	100
71) Bromoform	12.13	173	256597	51.188	ug/l #	100
73) Isopropylbenzene	12.25	105	1660709	47.730	ug/l	100
74) N-amyl acetate	12.07	43	407569	44.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	384145	51.591	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	297135m	46.802	ug/l	
77) Bromobenzene	12.53	156	444675	48.248	ug/l	98
78) n-propylbenzene	12.59	91	1940676	48.480	ug/l	100
79) 2-Chlorotoluene	12.68	91	1128391	47.533	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1416222	49.707	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	111094	50.666	ug/l	100
82) 4-Chlorotoluene	12.77	91	1165893	48.123	ug/l	100
83) tert-Butylbenzene	12.99	119	1226009	48.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1445967	50.276	ug/l	99
85) sec-Butylbenzene	13.17	105	1685900	48.950	ug/l	100
86) p-Isopropyltoluene	13.29	119	1493325	49.867	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	789011	48.642	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	781841	47.960	ug/l	100
89) n-Butylbenzene	13.62	91	1284871	50.253	ug/l	100
90) Hexachloroethane	13.88	117	235487	49.949	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	768253	51.141	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57315	59.136	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	477066	75.326	ug/l	99
94) Hexachlorobutadiene	15.01	225	276446	57.805	ug/l	100
95) Naphthalene	15.13	128	1033384	92.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	437456	90.458	ug/l	99

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

