

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110718\
 Data File : VN052196.D
 Acq On : 7 Nov 2018 8:57
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 9:13:42 AM

Quant Time: Nov 07 09:25:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	383084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	631225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	586803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	272353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	235516	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.59	113	205846	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.09	98	807953	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.40	95	278423	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	166413	49.817	ug/l	96
3) Chloromethane	2.06	50	216367	47.988	ug/l	100
4) Vinyl Chloride	2.19	62	216230	50.072	ug/l	98
5) Bromomethane	2.57	94	148191	45.902	ug/l	99
6) Chloroethane	2.71	64	139171	50.403	ug/l	98
7) Trichlorofluoromethane	3.02	101	310601	49.515	ug/l	96
8) Diethyl Ether	3.41	74	109170	49.814	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	193664	51.664	ug/l	97
10) Methyl Iodide	3.96	142	254963	48.175	ug/l	99
11) Tert butyl alcohol	4.78	59	59084	299.200	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	173692	49.217	ug/l	95
13) Acrolein	3.61	56	40177	208.389	ug/l	99
14) Allyl chloride	4.33	41	315628	53.587	ug/l	98
15) Acrylonitrile	4.99	53	351637	271.999	ug/l	99
16) Acetone	3.81	43	287907	279.746	ug/l	98
17) Carbon Disulfide	4.06	76	503926	50.039	ug/l	96
18) Methyl Acetate	4.32	43	164861	50.408	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	505492	52.046	ug/l	98
20) Methylene Chloride	4.55	84	205844	48.136	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	195137	49.874	ug/l	99
22) Diisopropyl ether	5.95	45	674727	52.219	ug/l	99
23) Vinyl Acetate	5.90	43	2393557	280.252	ug/l	99
24) 1,1-Dichloroethane	5.85	63	375166	51.106	ug/l	99
25) 2-Butanone	6.83	43	439287	275.265	ug/l	98
26) 2,2-Dichloropropane	6.83	77	308365	53.673	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	228392	51.299	ug/l	99
28) Bromochloromethane	7.19	49	185068	53.284	ug/l	100
29) Tetrahydrofuran	7.21	42	283069	286.679	ug/l	99
30) Chloroform	7.37	83	383038	52.363	ug/l	94
31) Cyclohexane	7.65	56	352306	52.098	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	331127	51.384	ug/l	98
36) 1,1-Dichloropropene	7.79	75	294203	52.687	ug/l	99
37) Ethyl Acetate	6.93	43	187519	54.521	ug/l	97
38) Carbon Tetrachloride	7.77	117	292965	52.477	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	372456	56.319	ug/l	97
40) Benzene	8.04	78	863551	52.606	ug/l	100
41) Methacrylonitrile	7.18	41	109115	56.386	ug/l	96
42) 1,2-Dichloroethane	8.12	62	278331	52.744	ug/l	99
43) Isopropyl Acetate	8.16	43	350580	55.024	ug/l	99
44) Trichloroethene	8.83	130	230459	53.027	ug/l	99
45) 1,2-Dichloropropane	9.12	63	233938	53.812	ug/l	100
46) Dibromomethane	9.21	93	142256	51.454	ug/l	99
47) Bromodichloromethane	9.40	83	295165	54.742	ug/l	99
48) Methyl methacrylate	9.20	41	174972	57.059	ug/l	98
49) 1,4-Dioxane	9.20	88	32907	1268.538	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	990146	294.159	ug/l	99
52) Toluene	10.15	92	551270	55.691	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	300896	56.885	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	348624	56.324	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	194778	55.810	ug/l	98
56) Ethyl methacrylate	10.43	69	259214	56.981	ug/l	100
57) 1,3-Dichloropropane	10.71	76	336269	54.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	756187	308.876	ug/l	100
59) 2-Hexanone	10.75	43	704751	300.769	ug/l	99
60) Dibromochloromethane	10.90	129	223259	56.252	ug/l	99
61) 1,2-Dibromoethane	11.00	107	200756	56.667	ug/l	100
64) Tetrachloroethene	10.63	164	206725	54.378	ug/l	98
65) Chlorobenzene	11.43	112	625928	52.333	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	216437	53.885	ug/l	98
67) Ethyl Benzene	11.51	91	1063770	53.549	ug/l	99
68) m/p-Xylenes	11.62	106	819324	106.888	ug/l	99
69) o-Xylene	11.95	106	395038	53.141	ug/l	99
70) Styrene	11.96	104	645311	54.836	ug/l	99
71) Bromoform	12.13	173	137983	51.434	ug/l #	98
73) Isopropylbenzene	12.25	105	1065226	51.729	ug/l	99
74) N-amyl acetate	12.07	43	330787	54.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	237701	52.735	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	181706m	42.394	ug/l	
77) Bromobenzene	12.53	156	253772	51.679	ug/l	98
78) n-propylbenzene	12.59	91	1249548	53.095	ug/l	99
79) 2-Chlorotoluene	12.67	91	692950	50.211	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	866513	51.985	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	67988	56.798	ug/l	98
82) 4-Chlorotoluene	12.77	91	711036	51.261	ug/l	100
83) tert-Butylbenzene	12.99	119	759948	51.633	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	861654	51.930	ug/l	100
85) sec-Butylbenzene	13.17	105	1052288	52.873	ug/l	100
86) p-Isopropyltoluene	13.29	119	903810	53.955	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	452283	52.120	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	447566	51.600	ug/l	98
89) n-Butylbenzene	13.61	91	786754	54.241	ug/l	99
90) Hexachloroethane	13.87	117	152448	54.000	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	427713	52.520	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34964	58.762	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	192980	50.234	ug/l	99
94) Hexachlorobutadiene	15.01	225	99857	52.192	ug/l	99
95) Naphthalene	15.13	128	448369	53.761	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	168271	50.843	ug/l	97

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

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