

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110718\
 Data File : VN052210.D
 Acq On : 7 Nov 2018 16:32
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 10:39:41 AM

Quant Time: Nov 07 16:52:58 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	7.67	168	395288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	657062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	589641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	277635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	225560	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	7.59	113	201383	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.09	98	776770	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.40	95	260050	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	161124	46.744	ug/l	97
3) Chloromethane	2.06	50	208428	44.800	ug/l	98
4) Vinyl Chloride	2.19	62	212246	47.632	ug/l	99
5) Bromomethane	2.57	94	143432	43.056	ug/l	95
6) Chloroethane	2.71	64	134410	47.176	ug/l	98
7) Trichlorofluoromethane	3.02	101	313673	48.461	ug/l	97
8) Diethyl Ether	3.41	74	110052	48.667	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	192671	49.813	ug/l	99
10) Methyl Iodide	3.96	142	260481	47.698	ug/l	99
11) Tert butyl alcohol	4.78	59	48673	238.870	ug/l	97
12) 1,1-Dichloroethene	3.74	96	168602	46.300	ug/l	95
13) Acrolein	3.61	56	39523	200.160	ug/l	99
14) Allyl chloride	4.33	41	302939	49.844	ug/l	95
15) Acrylonitrile	4.99	53	330797	247.979	ug/l	100
16) Acetone	3.82	43	261937	246.655	ug/l	94
17) Carbon Disulfide	4.06	76	478262	46.024	ug/l	100
18) Methyl Acetate	4.33	43	156497	46.374	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	496616	49.554	ug/l	94
20) Methylene Chloride	4.56	84	205183	46.500	ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	191761	47.498	ug/l	97
22) Diisopropyl ether	5.96	45	668159	50.114	ug/l	98
23) Vinyl Acetate	5.90	43	2316389	262.843	ug/l	99
24) 1,1-Dichloroethane	5.85	63	374331	49.418	ug/l	98
25) 2-Butanone	6.84	43	400040	242.933	ug/l	97
26) 2,2-Dichloropropane	6.83	77	294933	49.750	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	228051	49.641	ug/l	98
28) Bromochloromethane	7.19	49	186299	51.982	ug/l	98
29) Tetrahydrofuran	7.21	42	253541	248.847	ug/l	99
30) Chloroform	7.37	83	380625	50.427	ug/l	96
31) Cyclohexane	7.65	56	345271	49.374	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	325361	48.930	ug/l	99
36) 1,1-Dichloropropene	7.79	75	291196	50.098	ug/l	99
37) Ethyl Acetate	6.93	43	186327	52.041	ug/l	97
38) Carbon Tetrachloride	7.78	117	289002	49.731	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	354090	51.437	ug/l	98
40) Benzene	8.04	78	863703	50.547	ug/l	100
41) Methacrylonitrile	7.17	41	92832	46.340	ug/l	99
42) 1,2-Dichloroethane	8.13	62	270331	49.214	ug/l	100
43) Isopropyl Acetate	8.17	43	345798	52.139	ug/l #	89
44) Trichloroethene	8.84	130	226125	49.984	ug/l	98
45) 1,2-Dichloropropane	9.12	63	232502	51.379	ug/l	99
46) Dibromomethane	9.21	93	142225	49.420	ug/l	99
47) Bromodichloromethane	9.40	83	291338	51.907	ug/l	97
48) Methyl methacrylate	9.20	41	167527	52.483	ug/l	97
49) 1,4-Dioxane	9.20	88	26666	983.786	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	912746	260.501	ug/l	100
52) Toluene	10.16	92	543958	52.791	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	291956	53.025	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	341363	52.982	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	191306	52.660	ug/l	98
56) Ethyl methacrylate	10.43	69	249894	52.773	ug/l	99
57) 1,3-Dichloropropane	10.71	76	323847	50.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	686145	269.245	ug/l	99
59) 2-Hexanone	10.75	43	640102	262.436	ug/l	100
60) Dibromochloromethane	10.90	129	216988	52.522	ug/l	98
61) 1,2-Dibromoethane	11.01	107	191694	51.981	ug/l	99
64) Tetrachloroethene	10.63	164	202433	52.992	ug/l	99
65) Chlorobenzene	11.43	112	598924	49.834	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	215508	53.395	ug/l	98
67) Ethyl Benzene	11.51	91	1035256	51.862	ug/l	98
68) m/p-Xylenes	11.62	106	811546	105.364	ug/l	99
69) o-Xylene	11.95	106	385096	51.555	ug/l	99
70) Styrene	11.96	104	616768	52.159	ug/l	100
71) Bromoform	12.13	173	128609	47.912	ug/l #	96
73) Isopropylbenzene	12.25	105	1038250	49.459	ug/l	99
74) N-amyl acetate	12.07	43	320499	51.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	226011	49.187	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	172465m	39.473	ug/l	
77) Bromobenzene	12.53	156	237902	47.525	ug/l	95
78) n-propylbenzene	12.59	91	1187516	49.499	ug/l	100
79) 2-Chlorotoluene	12.67	91	680868	48.397	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	834679	49.122	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	62032	50.836	ug/l	99
82) 4-Chlorotoluene	12.77	91	681062	48.166	ug/l	100
83) tert-Butylbenzene	12.99	119	734413	48.948	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	847535	50.108	ug/l	99
85) sec-Butylbenzene	13.17	105	1009331	49.750	ug/l	99
86) p-Isopropyltoluene	13.29	119	871957	51.063	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	437653	49.474	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	438932	49.642	ug/l	99
89) n-Butylbenzene	13.61	91	755656	51.106	ug/l	97
90) Hexachloroethane	13.87	117	146740	50.989	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	420445	50.645	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31683	52.234	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	188670	48.269	ug/l	99
94) Hexachlorobutadiene	15.01	225	97362	49.905	ug/l	99
95) Naphthalene	15.13	128	419639	49.359	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	164716	48.891	ug/l	97

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

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