

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110818\
 Data File : VN052213.D
 Acq On : 8 Nov 2018 9:49
 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
 11/9/2018 11:48:51 AM

Quant Time: Nov 08 10:10:28 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	365786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	610879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	266954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	219608	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.59	113	196239	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.09	98	763335	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.40	95	264856	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	154395	48.405	ug/l	96
3) Chloromethane	2.06	50	204789	47.568	ug/l	99
4) Vinyl Chloride	2.19	62	205502	49.838	ug/l	96
5) Bromomethane	2.57	94	145982	47.356	ug/l	93
6) Chloroethane	2.71	64	125874	47.743	ug/l	94
7) Trichlorofluoromethane	3.02	101	298290	49.801	ug/l	98
8) Diethyl Ether	3.41	74	103818	49.613	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	186980	52.240	ug/l	99
10) Methyl Iodide	3.96	142	236108	46.722	ug/l	98
11) Tert butyl alcohol	4.77	59	56311	298.643	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	166505	49.412	ug/l	96
13) Acrolein	3.61	56	31444	176.576	ug/l	92
14) Allyl chloride	4.33	41	298617	53.096	ug/l	98
15) Acrylonitrile	4.99	53	329688	267.081	ug/l	99
16) Acetone	3.82	43	251749	256.181	ug/l	96
17) Carbon Disulfide	4.06	76	468053	48.675	ug/l	100
18) Methyl Acetate	4.32	43	158504	50.757	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	486551	52.465	ug/l	100
20) Methylene Chloride	4.55	84	194837	47.717	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	186951	50.041	ug/l	96
22) Diisopropyl ether	5.95	45	642491	52.076	ug/l	100
23) Vinyl Acetate	5.90	43	2251631	276.101	ug/l	100
24) 1,1-Dichloroethane	5.85	63	355605	50.732	ug/l	98
25) 2-Butanone	6.83	43	407523	267.437	ug/l	100
26) 2,2-Dichloropropane	6.83	77	291185	53.080	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	217643	51.197	ug/l	99
28) Bromochloromethane	7.19	49	173999	52.466	ug/l	99
29) Tetrahydrofuran	7.21	42	256147	271.681	ug/l	99
30) Chloroform	7.37	83	366980	52.540	ug/l	97
31) Cyclohexane	7.66	56	332252	51.430	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	313558	50.959	ug/l	99
36) 1,1-Dichloropropene	7.79	75	277357	51.324	ug/l	99
37) Ethyl Acetate	6.92	43	185608	55.764	ug/l	96
38) Carbon Tetrachloride	7.77	117	281802	52.158	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	345135	53.926	ug/l	99
40) Benzene	8.04	78	812507	51.145	ug/l	100
41) Methacrylonitrile	7.18	41	94975	50.854	ug/l	98
42) 1,2-Dichloroethane	8.12	62	262095	51.322	ug/l	100
43) Isopropyl Acetate	8.16	43	332483	53.922	ug/l #	90
44) Trichloroethene	8.83	130	217106	51.619	ug/l	99
45) 1,2-Dichloropropane	9.12	63	218900	52.030	ug/l	99
46) Dibromomethane	9.21	93	137889	51.535	ug/l	97
47) Bromodichloromethane	9.40	83	280005	53.660	ug/l	97
48) Methyl methacrylate	9.20	41	166574	56.130	ug/l	97
49) 1,4-Dioxane	9.20	88	30985	1233.772	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	912769	280.203	ug/l	100
52) Toluene	10.16	92	510627	53.303	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	286956	56.057	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	325997	54.422	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	186329	55.167	ug/l	97
56) Ethyl methacrylate	10.43	69	240746	54.684	ug/l	99
57) 1,3-Dichloropropane	10.71	76	314198	52.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	674520	284.694	ug/l	99
59) 2-Hexanone	10.75	43	658513	290.396	ug/l	98
60) Dibromochloromethane	10.90	129	212095	55.219	ug/l	100
61) 1,2-Dibromoethane	11.00	107	186969	54.533	ug/l	99
64) Tetrachloroethene	10.63	164	193301	53.537	ug/l	97
65) Chlorobenzene	11.43	112	586792	51.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	209150	54.826	ug/l	100
67) Ethyl Benzene	11.51	91	1003734	53.200	ug/l	99
68) m/p-Xylenes	11.62	106	777543	106.806	ug/l	98
69) o-Xylene	11.95	106	373873	52.956	ug/l	99
70) Styrene	11.96	104	608085	54.408	ug/l	100
71) Bromoform	12.13	173	129142	50.727	ug/l #	99
73) Isopropylbenzene	12.25	105	1006146	49.848	ug/l	99
74) N-amyl acetate	12.07	43	316669	52.870	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	226131	51.182	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	170260m	40.527	ug/l	
77) Bromobenzene	12.53	156	236980	49.235	ug/l	97
78) n-propylbenzene	12.59	91	1188381	51.517	ug/l	99
79) 2-Chlorotoluene	12.67	91	670552	49.571	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	827039	50.620	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	65001	55.401	ug/l	98
82) 4-Chlorotoluene	12.77	91	686228	50.473	ug/l	100
83) tert-Butylbenzene	12.99	119	724052	50.189	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	843965	51.893	ug/l	99
85) sec-Butylbenzene	13.17	105	1005941	51.567	ug/l	100
86) p-Isopropyltoluene	13.29	119	871828	53.098	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	446507	52.495	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	437358	51.443	ug/l	99
89) n-Butylbenzene	13.61	91	763702	53.716	ug/l	99
90) Hexachloroethane	13.87	117	150958	54.553	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	416101	52.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33302	57.100	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	192366	51.048	ug/l	98
94) Hexachlorobutadiene	15.01	225	99072	52.834	ug/l	98
95) Naphthalene	15.13	128	446254	54.589	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	171448	52.783	ug/l	97

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

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