

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053124.D
 Acq On : 22 Dec 2018 10:24
 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
 12/24/2018 9:32:37 AM

Quant Time: Dec 23 23:27:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1032219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1529299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1363791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	659443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	488697	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
35) Dibromofluoromethane	7.59	113	402160	57.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.14%	
50) Toluene-d8	10.09	98	1792862	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.40	95	638344	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	492347	47.129	ug/l	100
3) Chloromethane	2.06	50	588322	46.473	ug/l	99
4) Vinyl Chloride	2.19	62	609044	47.504	ug/l	100
5) Bromomethane	2.57	94	408495	45.987	ug/l	100
6) Chloroethane	2.71	64	365739	48.166	ug/l	99
7) Trichlorofluoromethane	3.02	101	794558	49.748	ug/l	99
8) Diethyl Ether	3.41	74	298843	49.597	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	518242	50.891	ug/l	98
10) Methyl Iodide	3.96	142	685805	47.955	ug/l	99
11) Tert butyl alcohol	4.77	59	145334	227.387	ug/l	98
12) 1,1-Dichloroethene	3.74	96	478760	48.662	ug/l	99
13) Acrolein	3.61	56	192184	331.614	ug/l	99
14) Allyl chloride	4.33	41	799790	52.482	ug/l	96
15) Acrylonitrile	4.98	53	846758	238.471	ug/l	98
16) Acetone	3.81	43	499724	243.313	ug/l	95
17) Carbon Disulfide	4.06	76	1354408	42.213	ug/l	100
18) Methyl Acetate	4.32	43	461117	49.477	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1296367	49.238	ug/l	99
20) Methylene Chloride	4.55	84	546939	48.819	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	516276	48.841	ug/l	100
22) Diisopropyl ether	5.95	45	1692375	52.027	ug/l	98
23) Vinyl Acetate	5.89	43	4756715	254.302	ug/l	99
24) 1,1-Dichloroethane	5.85	63	975042	50.443	ug/l	99
25) 2-Butanone	6.83	43	874772	253.790	ug/l	97
26) 2,2-Dichloropropane	6.82	77	737729	49.997	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	599096	50.062	ug/l	99
28) Bromochloromethane	7.19	49	428008	51.100	ug/l	96
29) Tetrahydrofuran	7.21	42	617671	239.934	ug/l	98
30) Chloroform	7.37	83	964180	50.778	ug/l	100
31) Cyclohexane	7.65	56	914904	50.477	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	789469	48.806	ug/l	99
36) 1,1-Dichloropropene	7.79	75	748907	51.020	ug/l	100
37) Ethyl Acetate	6.93	43	409593	49.985	ug/l	98
38) Carbon Tetrachloride	7.77	117	690899	51.352	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	899610	50.450	ug/l	98
40) Benzene	8.04	78	2255444	51.658	ug/l	100
41) Methacrylonitrile	7.18	41	241198	50.944	ug/l	96
42) 1,2-Dichloroethane	8.12	62	656579	50.904	ug/l	99
43) Isopropyl Acetate	8.16	43	759992	47.882	ug/l	96
44) Trichloroethene	8.83	130	622054	49.258	ug/l	99
45) 1,2-Dichloropropane	9.12	63	601890	52.925	ug/l	99
46) Dibromomethane	9.21	93	337525	50.947	ug/l	99
47) Bromodichloromethane	9.40	83	728298	51.716	ug/l	99
48) Methyl methacrylate	9.20	41	393296	49.462	ug/l	99
49) 1,4-Dioxane	9.20	88	98889	983.154	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	2015762	254.016	ug/l	99
52) Toluene	10.16	92	1406013	51.954	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	741006	50.040	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	878287	51.672	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	486048	51.481	ug/l	97
56) Ethyl methacrylate	10.43	69	625444	50.050	ug/l	98
57) 1,3-Dichloropropane	10.71	76	835195	51.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1933310	281.804	ug/l	99
59) 2-Hexanone	10.75	43	1390750	259.030	ug/l	99
60) Dibromochloromethane	10.90	129	546752	50.592	ug/l	99
61) 1,2-Dibromoethane	11.00	107	482017	50.270	ug/l	99
64) Tetrachloroethene	10.63	164	700013	47.385	ug/l	99
65) Chlorobenzene	11.43	112	1546171	51.145	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	541459	51.504	ug/l	100
67) Ethyl Benzene	11.51	91	2715342	52.228	ug/l	100
68) m/p-Xylenes	11.62	106	2057763	104.115	ug/l	99
69) o-Xylene	11.95	106	994129	52.418	ug/l	99
70) Styrene	11.96	104	1656761	53.573	ug/l	99
71) Bromoform	12.13	173	371081	48.861	ug/l	100
73) Isopropylbenzene	12.25	105	2665268	51.657	ug/l	100
74) N-amyl acetate	12.07	43	687427	47.989	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	530484	52.408	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	507885m	45.751	ug/l	
77) Bromobenzene	12.53	156	677552	50.519	ug/l	97
78) n-propylbenzene	12.59	91	3061637	52.102	ug/l	99
79) 2-Chlorotoluene	12.67	91	1790451	49.156	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2152792	51.190	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	162986	47.322	ug/l	96
82) 4-Chlorotoluene	12.77	91	1829944	51.323	ug/l	100
83) tert-Butylbenzene	12.99	119	1868926	50.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2168844	51.301	ug/l	99
85) sec-Butylbenzene	13.17	105	2531968	50.329	ug/l	100
86) p-Isopropyltoluene	13.29	119	2213516	50.920	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1215248	51.195	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1198050	49.838	ug/l	100
89) n-Butylbenzene	13.62	91	1860244	49.742	ug/l	100
90) Hexachloroethane	13.88	117	339025	50.821	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1136872	50.888	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	78670	44.949	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	552423	46.712	ug/l	100
94) Hexachlorobutadiene	15.01	225	349320	57.426	ug/l	100
95) Naphthalene	15.13	128	1116175	43.209	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	486641	45.702	ug/l	99

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

