

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052915.D
 Acq On : 17 Dec 2018 9:35
 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
 12/18/2018 1:32:59 PM

Quant Time: Dec 18 04:53:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1166985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1739843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1595359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	746351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	576726	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	7.59	113	392593	40.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.84%	
50) Toluene-d8	10.09	98	2110136	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	746806	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	594506	49.489	ug/l	100
3) Chloromethane	2.06	50	705714	48.947	ug/l	99
4) Vinyl Chloride	2.19	62	707063	49.019	ug/l	99
5) Bromomethane	2.57	94	431228	48.470	ug/l	100
6) Chloroethane	2.71	64	423153	49.631	ug/l	99
7) Trichlorofluoromethane	3.02	101	884124	49.439	ug/l	99
8) Diethyl Ether	3.41	74	326686	50.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	570479	51.472	ug/l	99
10) Methyl Iodide	3.96	142	780131	50.261	ug/l	100
11) Tert butyl alcohol	4.77	59	157597	227.306	ug/l	98
12) 1,1-Dichloroethene	3.74	96	523468	48.789	ug/l	98
13) Acrolein	3.61	56	83786	128.354	ug/l	97
14) Allyl chloride	4.33	41	858932	49.013	ug/l	98
15) Acrylonitrile	4.98	53	949751	244.176	ug/l	99
16) Acetone	3.81	43	474248	170.174	ug/l	100
17) Carbon Disulfide	4.06	76	1658747	50.326	ug/l	99
18) Methyl Acetate	4.32	43	496690	48.563	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1415856	48.609	ug/l	100
20) Methylene Chloride	4.55	84	602961	48.078	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	560977	48.260	ug/l	99
22) Diisopropyl ether	5.95	45	1865313	49.893	ug/l	97
23) Vinyl Acetate	5.89	43	5105020	229.478	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1057242	49.038	ug/l	100
25) 2-Butanone	6.83	43	898058	207.683	ug/l	100
26) 2,2-Dichloropropane	6.82	77	830009	52.278	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	646590	49.011	ug/l	98
28) Bromochloromethane	7.19	49	485802	50.180	ug/l	100
29) Tetrahydrofuran	7.21	42	706763	239.414	ug/l	100
30) Chloroform	7.37	83	1037903	49.367	ug/l	99
31) Cyclohexane	7.65	56	1035909	49.257	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	880821	50.074	ug/l	99
36) 1,1-Dichloropropene	7.79	75	835468	52.146	ug/l	100
37) Ethyl Acetate	6.92	43	466202	48.438	ug/l	99
38) Carbon Tetrachloride	7.77	117	791570	53.676	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1055943	53.707	ug/l	99
40) Benzene	8.04	78	2455319	51.060	ug/l	99
41) Methacrylonitrile	7.17	41	284505	53.349	ug/l	94
42) 1,2-Dichloroethane	8.12	62	732549	50.602	ug/l	100
43) Isopropyl Acetate	8.16	43	851409	43.145	ug/l	97
44) Trichloroethene	8.83	130	727329	55.997	ug/l	99
45) 1,2-Dichloropropane	9.12	63	649950	51.603	ug/l	100
46) Dibromomethane	9.21	93	369344	50.564	ug/l	100
47) Bromodichloromethane	9.40	83	818557	54.040	ug/l	99
48) Methyl methacrylate	9.20	41	442949	51.184	ug/l	99
49) 1,4-Dioxane	9.20	88	100895	1027.130	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	2270980	250.975	ug/l	100
52) Toluene	10.16	92	1542985	52.979	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	855577	56.131	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	985078	54.235	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	532587	51.227	ug/l	99
56) Ethyl methacrylate	10.43	69	685338	51.366	ug/l	100
57) 1,3-Dichloropropane	10.71	76	926145	51.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1843024	247.561	ug/l	100
59) 2-Hexanone	10.75	43	1458970	235.273	ug/l	100
60) Dibromochloromethane	10.90	129	622463	55.398	ug/l	100
61) 1,2-Dibromoethane	11.00	107	537362	52.290	ug/l	100
64) Tetrachloroethene	10.63	164	916739	66.858	ug/l	99
65) Chlorobenzene	11.43	112	1706925	51.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	605447	52.597	ug/l	100
67) Ethyl Benzene	11.51	91	2993253	52.662	ug/l	100
68) m/p-Xylenes	11.62	106	2268238	106.277	ug/l	100
69) o-Xylene	11.95	106	1087486	52.181	ug/l	98
70) Styrene	11.96	104	1828836	54.589	ug/l	99
71) Bromoform	12.13	173	434437	55.553	ug/l #	100
73) Isopropylbenzene	12.25	105	2944910	52.847	ug/l	100
74) N-amyl acetate	12.07	43	779198	50.932	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	485358	38.863	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	527141m	47.872	ug/l	
77) Bromobenzene	12.53	156	742168	52.363	ug/l	99
78) n-propylbenzene	12.59	91	3434175	54.036	ug/l	100
79) 2-Chlorotoluene	12.67	91	1960444	52.178	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2361362	52.493	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	202821	59.170	ug/l #	75
82) 4-Chlorotoluene	12.77	91	2017797	52.526	ug/l	100
83) tert-Butylbenzene	12.99	119	2044655	51.526	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2393887	52.566	ug/l	99
85) sec-Butylbenzene	13.17	105	2857067	53.164	ug/l	100
86) p-Isopropyltoluene	13.29	119	2481920	53.307	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1292155	51.302	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1279307	51.289	ug/l	100
89) n-Butylbenzene	13.62	91	2159434	55.094	ug/l	100
90) Hexachloroethane	13.88	117	405477	52.009	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1198705	49.475	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	92914	49.355	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	668275	50.741	ug/l	99
94) Hexachlorobutadiene	15.01	225	357730	46.927	ug/l	99
95) Naphthalene	15.13	128	1397532	51.234	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	590624	48.874	ug/l	99

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

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