

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110519\
 Data File : VN059083.D
 Acq On : 5 Nov 2019 10:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2019 1:56:15 PM

Quant Time: Nov 06 00:45:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	466429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	724330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	662751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	288105	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	7.56	113	225713	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	10.08	98	884275	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.40	95	321518	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	246154	48.811	ug/l	99
3) Chloromethane	2.04	50	322872	47.217	ug/l	99
4) Vinyl Chloride	2.17	62	326601	49.205	ug/l	97
5) Bromomethane	2.54	94	190248	48.481	ug/l	100
6) Chloroethane	2.68	64	195690	48.140	ug/l	99
7) Trichlorofluoromethane	3.00	101	400931	50.833	ug/l	99
8) Diethyl Ether	3.39	74	155880	50.608	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	230769	49.639	ug/l	99
10) Methyl Iodide	3.93	142	297017	52.565	ug/l	99
11) Tert butyl alcohol	4.75	59	258190	225.834	ug/l	99
12) 1,1-Dichloroethene	3.71	96	225294	48.729	ug/l	96
13) Acrolein	3.58	56	171414	237.612	ug/l	98
14) Allyl chloride	4.29	41	459909m	50.200	ug/l	
15) Acrylonitrile	4.95	53	739688	257.916	ug/l	100
16) Acetone	3.79	43	862484	275.790	ug/l	100
17) Carbon Disulfide	4.03	76	689198	46.888	ug/l	98
18) Methyl Acetate	4.29	43	373531	47.147	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	810817	51.490	ug/l	99
20) Methylene Chloride	4.52	84	266758	48.725	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	250679	50.505	ug/l	99
22) Diisopropyl ether	5.92	45	929621	53.272	ug/l	99
23) Vinyl Acetate	5.86	43	3848832	276.919	ug/l	99
24) 1,1-Dichloroethane	5.82	63	503138	50.431	ug/l	99
25) 2-Butanone	6.81	43	1100443	264.264	ug/l	100
26) 2,2-Dichloropropane	6.80	77	433334	50.041	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	286971	51.347	ug/l	99
28) Bromochloromethane	7.17	49	154983	50.334	ug/l	99
29) Tetrahydrofuran	7.18	42	675232	256.935	ug/l	100
30) Chloroform	7.35	83	484493	50.784	ug/l	98
31) Cyclohexane	7.63	56	460994	48.444	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	411774	51.015	ug/l	99
36) 1,1-Dichloropropene	7.77	75	372644	51.763	ug/l	100
37) Ethyl Acetate	6.90	43	413374	51.680	ug/l	99
38) Carbon Tetrachloride	7.75	117	362837	51.716	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	439856	52.861	ug/l	98
40) Benzene	8.02	78	1114405	52.162	ug/l	100
41) Methacrylonitrile	7.15	41	173736m	50.231	ug/l	
42) 1,2-Dichloroethane	8.10	62	388544	52.366	ug/l	99
43) Isopropyl Acetate	8.14	43	653776	52.266	ug/l	99
44) Trichloroethene	8.82	130	270856	51.527	ug/l	97
45) 1,2-Dichloropropane	9.10	63	307891	53.288	ug/l	99
46) Dibromomethane	9.19	93	186897	52.337	ug/l	98
47) Bromodichloromethane	9.39	83	384841	53.213	ug/l	99
48) Methyl methacrylate	9.18	41	297637	52.185	ug/l	99
49) 1,4-Dioxane	9.18	88	94773	1018.668	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	2048770	281.948	ug/l	99
52) Toluene	10.15	92	679688	54.296	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	441173	52.755	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	478491	54.246	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	268405	52.635	ug/l	98
56) Ethyl methacrylate	10.42	69	423360	48.978	ug/l	99
57) 1,3-Dichloropropane	10.70	76	470713	53.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	841442	250.694	ug/l	99
59) 2-Hexanone	10.74	43	1570143	284.429	ug/l	100
60) Dibromochloromethane	10.90	129	289856	52.743	ug/l	99
61) 1,2-Dibromoethane	11.00	107	274760	53.186	ug/l	98
64) Tetrachloroethene	10.63	164	244473	52.806	ug/l	100
65) Chlorobenzene	11.43	112	708100	52.057	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	265176	52.988	ug/l	100
67) Ethyl Benzene	11.51	91	1303536	55.359	ug/l	99
68) m/p-Xylenes	11.62	106	971714	110.513	ug/l	99
69) o-Xylene	11.95	106	462414	55.074	ug/l	98
70) Styrene	11.96	104	770337	56.617	ug/l	100
71) Bromoform	12.13	173	211333	54.557	ug/l #	97
73) Isopropylbenzene	12.25	105	1250599	53.877	ug/l	100
74) N-amyl acetate	12.07	43	543164	52.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	409325	49.503	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	374069m	50.099	ug/l	
77) Bromobenzene	12.53	156	296120	51.020	ug/l	99
78) n-propylbenzene	12.59	91	1468259	54.614	ug/l	99
79) 2-Chlorotoluene	12.68	91	876278	52.492	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1066371	54.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	147118	50.510	ug/l	96
82) 4-Chlorotoluene	12.78	91	893307	52.434	ug/l	99
83) tert-Butylbenzene	12.99	119	891018	53.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1060829	55.340	ug/l	99
85) sec-Butylbenzene	13.17	105	1207067	54.956	ug/l	100
86) p-Isopropyltoluene	13.29	119	1103081	55.706	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	532788	51.665	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	524367	51.405	ug/l	99
89) n-Butylbenzene	13.62	91	959973	55.636	ug/l	99
90) Hexachloroethane	13.88	117	200462	50.927	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	523119	50.981	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	82292	46.075	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	293652	53.060	ug/l	99
94) Hexachlorobutadiene	15.01	225	168430	50.708	ug/l	99
95) Naphthalene	15.13	128	786917	45.879	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	287817	51.099	ug/l	100

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

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