

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110619\
 Data File : VX013341.D
 Acq On : 06 Nov 2019 15:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:17:15 AM

Quant Time: Nov 07 02:43:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	735296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1089746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	983444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	503766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	404485	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.48	113	332836	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.71	98	1262081	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	455575	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	420304	49.610	ug/l	99
3) Chloromethane	1.31	50	449260	48.899	ug/l	100
4) Vinyl Chloride	1.40	62	518444	49.567	ug/l	98
5) Bromomethane	1.62	94	325268	44.625	ug/l	99
6) Chloroethane	1.71	64	274644	45.835	ug/l	99
7) Trichlorofluoromethane	1.92	101	563133	45.570	ug/l	98
8) Diethyl Ether	2.17	74	250644	45.867	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	359636	52.215	ug/l	98
10) Methyl Iodide	2.50	142	421679	49.450	ug/l	98
11) Tert butyl alcohol	3.03	59	444796	193.728	ug/l	99
12) 1,1-Dichloroethene	2.36	96	359093	53.240	ug/l	96
13) Acrolein	2.28	56	295324	237.330	ug/l	98
14) Allyl chloride	2.72	41	610615	49.826	ug/l	98
15) Acrylonitrile	3.12	53	1018411	237.458	ug/l	99
16) Acetone	2.42	43	1062691	244.579	ug/l	100
17) Carbon Disulfide	2.56	76	892826	49.457	ug/l	98
18) Methyl Acetate	2.75	43	572371	47.715	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1146589	50.969	ug/l	98
20) Methylene Chloride	2.84	84	381833	47.563	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	363310	49.472	ug/l	97
22) Diisopropyl ether	3.84	45	1212718	51.257	ug/l	99
23) Vinyl Acetate	3.80	43	5040283	248.959	ug/l	99
24) 1,1-Dichloroethane	3.68	63	660046	49.870	ug/l	99
25) 2-Butanone	4.65	43	1512507	237.288	ug/l	99
26) 2,2-Dichloropropane	4.56	77	543983	51.665	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	418172	50.832	ug/l	99
28) Bromochloromethane	5.00	49	187173	49.807	ug/l	98
29) Tetrahydrofuran	5.11	42	914410	232.793	ug/l	99
30) Chloroform	5.19	83	653404	49.996	ug/l	100
31) Cyclohexane	5.56	56	596587	50.093	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	559391	49.736	ug/l	100
36) 1,1-Dichloropropene	5.78	75	494594	52.905	ug/l	100
37) Ethyl Acetate	4.81	43	553304	47.898	ug/l	99
38) Carbon Tetrachloride	5.77	117	484141	52.959	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	613411	52.659	ug/l	99
40) Benzene	6.12	78	1492393	51.248	ug/l	100
41) Methacrylonitrile	5.01	41	321083	49.590	ug/l	97
42) 1,2-Dichloroethane	6.17	62	529564	50.415	ug/l	100
43) Isopropyl Acetate	6.42	43	905211	50.322	ug/l	99
44) Trichloroethene	7.20	130	411864	51.381	ug/l	98
45) 1,2-Dichloropropane	7.50	63	385590	51.967	ug/l	99
46) Dibromomethane	7.65	93	249942	49.336	ug/l	96
47) Bromodichloromethane	7.89	83	511629	53.556	ug/l	97
48) Methyl methacrylate	7.76	41	454330	50.597	ug/l	98
49) 1,4-Dioxane	7.73	88	184129	895.410	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2838569	240.519	ug/l	99
52) Toluene	8.78	92	948204	52.535	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	576758	55.212	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	628913	53.821	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	384273	51.366	ug/l	98
56) Ethyl methacrylate	9.17	69	622465	48.777	ug/l	98
57) 1,3-Dichloropropane	9.36	76	646637	50.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1315453	257.166	ug/l	99
59) 2-Hexanone	9.48	43	2236522	245.227	ug/l	99
60) Dibromochloromethane	9.57	129	418527	54.702	ug/l	99
61) 1,2-Dibromoethane	9.67	107	407046	51.240	ug/l	100
64) Tetrachloroethene	9.33	164	367413	52.188	ug/l	97
65) Chlorobenzene	10.13	112	1034261	51.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	380493	52.047	ug/l	100
67) Ethyl Benzene	10.25	91	1816943	52.875	ug/l	99
68) m/p-Xylenes	10.36	106	1385418	106.605	ug/l	100
69) o-Xylene	10.69	106	673695	52.950	ug/l	100
70) Styrene	10.70	104	1176353	55.310	ug/l	98
71) Bromoform	10.85	173	324926	48.068	ug/l #	100
73) Isopropylbenzene	11.01	105	1807494	54.116	ug/l	100
74) N-amyl acetate	10.89	43	823065	53.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	608265	49.919	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	505377m	49.391	ug/l	
77) Bromobenzene	11.25	156	473543	53.182	ug/l	97
78) n-propylbenzene	11.35	91	2074423	55.755	ug/l	99
79) 2-Chlorotoluene	11.42	91	1200452	53.552	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1536599	55.232	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	210383	52.923	ug/l	96
82) 4-Chlorotoluene	11.51	91	1412625	53.833	ug/l	100
83) tert-Butylbenzene	11.76	119	1542402	55.075	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1524530	54.626	ug/l	99
85) sec-Butylbenzene	11.94	105	1775601	55.166	ug/l	100
86) p-Isopropyltoluene	12.06	119	1657940	55.939	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	846664	53.344	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	853200	52.761	ug/l	98
89) n-Butylbenzene	12.39	91	1484307	57.394	ug/l	100
90) Hexachloroethane	12.59	117	295403	55.940	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	839025	52.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	136299	45.913	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	616014	55.663	ug/l	99
94) Hexachlorobutadiene	13.78	225	280958	51.892	ug/l	99
95) Naphthalene	13.83	128	1868083	53.801	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	613193	55.250	ug/l	99

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

