

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006217.D
 Acq On : 30 Nov 2018 09:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:23 AM

Quant Time: Nov 30 22:35:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	965660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1355028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1230429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	671293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	490650	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	5.50	113	469701	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	8.71	98	1688498	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	11.13	95	661814	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	498535	52.726	ug/l	98
3) Chloromethane	1.33	50	494419	50.885	ug/l	97
4) Vinyl Chloride	1.41	62	528791	50.566	ug/l	97
5) Bromomethane	1.64	94	339657	46.867	ug/l	100
6) Chloroethane	1.71	64	320984	50.061	ug/l	99
7) Trichlorofluoromethane	1.93	101	805708	50.193	ug/l	100
8) Diethyl Ether	2.19	74	290245	47.775	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	456856	50.052	ug/l	100
10) Methyl Iodide	2.51	142	650379	47.281	ug/l	100
11) Tert butyl alcohol	3.07	59	643622	238.741	ug/l	99
12) 1,1-Dichloroethene	2.37	96	423397	48.455	ug/l	95
13) Acrolein	2.29	56	351832	238.776	ug/l	99
14) Allyl chloride	2.73	41	843775	48.884	ug/l	100
15) Acrylonitrile	3.15	53	1339150	238.042	ug/l	100
16) Acetone	2.45	43	1059680	229.060	ug/l	99
17) Carbon Disulfide	2.57	76	1327330	49.297	ug/l	99
18) Methyl Acetate	2.78	43	734070	47.448	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1494562	47.946	ug/l	100
20) Methylene Chloride	2.85	84	454545	46.167	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	450406	48.370	ug/l	98
22) Diisopropyl ether	3.87	45	1265989	46.957	ug/l	97
23) Vinyl Acetate	3.82	43	5487940	238.656	ug/l	99
24) 1,1-Dichloroethane	3.70	63	804271	52.191	ug/l	98
25) 2-Butanone	4.70	43	1483064	224.674	ug/l	99
26) 2,2-Dichloropropane	4.58	77	693940	48.794	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	490134	47.189	ug/l	100
28) Bromochloromethane	5.01	49	342018	50.812	ug/l	99
29) Tetrahydrofuran	5.15	42	1054432	229.841	ug/l	100
30) Chloroform	5.21	83	757354	46.768	ug/l	99
31) Cyclohexane	5.57	56	680854	47.808	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	718411	46.626	ug/l	100
36) 1,1-Dichloropropene	5.80	75	583386	51.126	ug/l	99
37) Ethyl Acetate	4.85	43	616570	48.250	ug/l	99
38) Carbon Tetrachloride	5.78	117	681181	50.744	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	766373	51.741	ug/l	99
40) Benzene	6.14	78	1706875	49.944	ug/l	98
41) Methacrylonitrile	5.06	41	339091	48.225	ug/l	99
42) 1,2-Dichloroethane	6.20	62	558788	49.958	ug/l	100
43) Isopropyl Acetate	6.46	43	1046194	49.104	ug/l	100
44) Trichloroethene	7.21	130	528012	50.999	ug/l	98
45) 1,2-Dichloropropane	7.51	63	433219	49.876	ug/l	98
46) Dibromomethane	7.66	93	311391	49.639	ug/l	99
47) Bromodichloromethane	7.90	83	617290	50.813	ug/l	100
48) Methyl methacrylate	7.77	41	519589	50.130	ug/l	100
49) 1,4-Dioxane	7.75	88	256398	1003.682	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	3114661	251.124	ug/l	99
52) Toluene	8.79	92	1124469	50.011	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	724334	50.983	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	743897	50.425	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	459274	50.279	ug/l	98
56) Ethyl methacrylate	9.18	69	724499	50.735	ug/l	100
57) 1,3-Dichloropropane	9.37	76	723376	50.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	2079237	286.933	ug/l	100
59) 2-Hexanone	9.49	43	2363928	249.470	ug/l	99
60) Dibromochloromethane	9.58	129	572415	50.820	ug/l	100
61) 1,2-Dibromoethane	9.67	107	508039	49.741	ug/l	99
64) Tetrachloroethene	9.34	164	474275	51.183	ug/l	97
65) Chlorobenzene	10.14	112	1328991	50.882	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	518910	51.133	ug/l	99
67) Ethyl Benzene	10.25	91	2219662	51.095	ug/l	99
68) m/p-Xylenes	10.36	106	1775221	102.016	ug/l	100
69) o-Xylene	10.69	106	873212	50.802	ug/l	99
70) Styrene	10.71	104	1439307	51.774	ug/l	99
71) Bromoform	10.85	173	504499	52.663	ug/l #	100
73) Isopropylbenzene	11.02	105	2315702	49.952	ug/l	100
74) N-amyl acetate	10.90	43	966955	48.437	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	710348	47.896	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	566856m	43.749	ug/l	
77) Bromobenzene	11.26	156	642790	49.963	ug/l	100
78) n-propylbenzene	11.36	91	2642076	51.270	ug/l	99
79) 2-Chlorotoluene	11.42	91	1539639	50.268	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1942443	50.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	274753	49.762	ug/l #	78
82) 4-Chlorotoluene	11.51	91	1800908	50.572	ug/l	100
83) tert-Butylbenzene	11.77	119	2053025	49.886	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1996359	50.123	ug/l	100
85) sec-Butylbenzene	11.94	105	2397977	51.218	ug/l	100
86) p-Isopropyltoluene	12.07	119	2170979	51.495	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1176102	51.376	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1165401	50.157	ug/l	100
89) n-Butylbenzene	12.39	91	1906135	52.990	ug/l	99
90) Hexachloroethane	12.60	117	435283	50.659	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	1114412	49.051	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	177901	46.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	868532	52.399	ug/l	99
94) Hexachlorobutadiene	13.78	225	400601	54.650	ug/l	98
95) Naphthalene	13.83	128	2550949	49.475	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	848723	51.697	ug/l	99

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

