

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011320.D
 Acq On : 05 Aug 2019 10:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 4:48:33 PM

Quant Time: Aug 06 03:09:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	238394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	85496	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.49	113	77953	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.71	98	300931	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.13	95	111051	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61076	46.535	ug/l	99
3) Chloromethane	1.32	50	66217	44.928	ug/l	100
4) Vinyl Chloride	1.40	62	74489	45.946	ug/l	99
5) Bromomethane	1.63	94	47185	40.809	ug/l	98
6) Chloroethane	1.71	64	49043	48.799	ug/l	100
7) Trichlorofluoromethane	1.92	101	137757	47.788	ug/l	98
8) Diethyl Ether	2.18	74	46836	45.502	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74308	47.641	ug/l	98
10) Methyl Iodide	2.50	142	83618	42.523	ug/l	100
11) Tert butyl alcohol	3.04	59	80367	235.508	ug/l	100
12) 1,1-Dichloroethene	2.36	96	70374	45.516	ug/l	91
13) Acrolein	2.29	56	49111	231.544	ug/l	98
14) Allyl chloride	2.72	41	105416	51.143	ug/l	99
15) Acrylonitrile	3.13	53	189981	233.294	ug/l	99
16) Acetone	2.43	43	213212	261.752	ug/l	99
17) Carbon Disulfide	2.56	76	179163	49.380	ug/l	99
18) Methyl Acetate	2.76	43	84590	45.442	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	218708	48.001	ug/l	98
20) Methylene Chloride	2.85	84	79669	44.659	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	77013	47.088	ug/l	94
22) Diisopropyl ether	3.85	45	217380	47.985	ug/l	97
23) Vinyl Acetate	3.81	43	965270	256.902	ug/l	99
24) 1,1-Dichloroethane	3.68	63	125323	46.915	ug/l	99
25) 2-Butanone	4.66	43	279224	240.979	ug/l	98
26) 2,2-Dichloropropane	4.57	77	109374	52.672	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	86870	46.113	ug/l	98
28) Bromochloromethane	5.00	49	60586	49.751	ug/l	97
29) Tetrahydrofuran	5.12	42	163602	230.276	ug/l	99
30) Chloroform	5.20	83	138991	47.874	ug/l	99
31) Cyclohexane	5.57	56	106090	48.139	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	123195	49.534	ug/l	99
36) 1,1-Dichloropropene	5.79	75	100510	48.290	ug/l	100
37) Ethyl Acetate	4.82	43	100804	48.282	ug/l	99
38) Carbon Tetrachloride	5.77	117	111283	53.143	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119786	48.552	ug/l	97
40) Benzene	6.13	78	304779	49.070	ug/l	98
41) Methacrylonitrile	5.03	41	55227	48.436	ug/l	98
42) 1,2-Dichloroethane	6.18	62	104499	49.755	ug/l	99
43) Isopropyl Acetate	6.43	43	163570	49.004	ug/l	100
44) Trichloroethene	7.21	130	89937	47.839	ug/l	100
45) 1,2-Dichloropropane	7.51	63	76755	47.717	ug/l	98
46) Dibromomethane	7.65	93	56226	47.882	ug/l	99
47) Bromodichloromethane	7.89	83	104835	52.730	ug/l	98
48) Methyl methacrylate	7.76	41	80604	51.312	ug/l	98
49) 1,4-Dioxane	7.73	88	39864	875.347	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	542857	252.004	ug/l	100
52) Toluene	8.78	92	206073	50.181	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	115771	50.001	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	126891	54.638	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	83634	49.533	ug/l	99
56) Ethyl methacrylate	9.17	69	123807	51.455	ug/l	98
57) 1,3-Dichloropropane	9.37	76	132212	49.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	275205	232.620	ug/l	100
59) 2-Hexanone	9.49	43	432142	258.994	ug/l	99
60) Dibromochloromethane	9.58	129	95034	54.976	ug/l	97
61) 1,2-Dibromoethane	9.67	107	91163	49.975	ug/l	98
64) Tetrachloroethene	9.33	164	90784	47.455	ug/l	97
65) Chlorobenzene	10.13	112	231800	47.992	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85363	51.624	ug/l	99
67) Ethyl Benzene	10.25	91	401259	49.606	ug/l	100
68) m/p-Xylenes	10.35	106	316054	101.014	ug/l	99
69) o-Xylene	10.69	106	152047	49.459	ug/l	100
70) Styrene	10.71	104	263870	51.875	ug/l	99
71) Bromoform	10.85	173	73098	49.472	ug/l #	99
73) Isopropylbenzene	11.01	105	415880	48.416	ug/l	100
74) N-amyl acetate	10.90	43	157257	50.667	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	133881	46.771	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	113409m	49.584	ug/l	
77) Bromobenzene	11.25	156	111847	46.958	ug/l	97
78) n-propylbenzene	11.35	91	471784	49.390	ug/l	99
79) 2-Chlorotoluene	11.42	91	273300	48.003	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	353039	49.098	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41560	48.655	ug/l	98
82) 4-Chlorotoluene	11.51	91	324980	48.978	ug/l	98
83) tert-Butylbenzene	11.77	119	347765	49.313	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	356712	49.827	ug/l	100
85) sec-Butylbenzene	11.94	105	416504	49.157	ug/l	99
86) p-Isopropyltoluene	12.06	119	393533	50.486	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	203191	48.281	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204678	47.164	ug/l	99
89) n-Butylbenzene	12.38	91	344056	51.233	ug/l	99
90) Hexachloroethane	12.59	117	63578	55.169	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	196049	46.362	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27716	49.976	ug/l	98

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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138745	49.475	ug/l	100
94) Hexachlorobutadiene	13.78	225	72313	50.824	ug/l	98
95) Naphthalene	13.83	128	409908	49.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	139992	49.103	ug/l	99

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

