

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013989.D
 Acq On : 12 Dec 2019 20:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/13/2019 11:25:31 AM

Quant Time: Dec 13 04:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	489572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	768562	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	701771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	353535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	264680	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
35) Dibromofluoromethane	5.49	113	222933	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	8.71	98	837059	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
62) 4-Bromofluorobenzene	11.14	95	312517	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	234822	43.093	ug/l	100
3) Chloromethane	1.31	50	274222	44.849	ug/l	100
4) Vinyl Chloride	1.40	62	322343	46.839	ug/l	98
5) Bromomethane	1.63	94	233336	50.487	ug/l	98
6) Chloroethane	1.70	64	178503	45.582	ug/l	98
7) Trichlorofluoromethane	1.91	101	349995	45.801	ug/l	100
8) Diethyl Ether	2.18	74	167770	48.528	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222343	47.635	ug/l	99
10) Methyl Iodide	2.50	142	289730	51.313	ug/l	99
11) Tert butyl alcohol	3.05	59	292655	208.636	ug/l	100
12) 1,1-Dichloroethene	2.36	96	217269	46.633	ug/l	99
13) Acrolein	2.28	56	219538	234.410	ug/l	98
14) Allyl chloride	2.72	41	407056	48.143	ug/l	99
15) Acrylonitrile	3.13	53	712497	246.076	ug/l	99
16) Acetone	2.44	43	582386	207.574	ug/l	96
17) Carbon Disulfide	2.56	76	517613	38.972	ug/l	99
18) Methyl Acetate	2.76	43	409457	52.409	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	777159	50.352	ug/l	98
20) Methylene Chloride	2.84	84	262128	48.630	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	235739	46.446	ug/l	98
22) Diisopropyl ether	3.84	45	848701	52.129	ug/l	99
23) Vinyl Acetate	3.80	43	3434226	253.565	ug/l	99
24) 1,1-Dichloroethane	3.69	63	451251	50.702	ug/l	99
25) 2-Butanone	4.66	43	976207	234.115	ug/l	99
26) 2,2-Dichloropropane	4.57	77	328158	44.565	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	282201	48.415	ug/l	99
28) Bromochloromethane	5.00	49	192317	54.682	ug/l	98
29) Tetrahydrofuran	5.11	42	626863	243.865	ug/l	99
30) Chloroform	5.20	83	437513	48.472	ug/l	96
31) Cyclohexane	5.57	56	381914	45.495	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	362199	48.020	ug/l	99
36) 1,1-Dichloropropene	5.79	75	317037	45.443	ug/l	99
37) Ethyl Acetate	4.82	43	373161	47.678	ug/l	99
38) Carbon Tetrachloride	5.78	117	306010	47.568	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	371754	43.108	ug/l	99
40) Benzene	6.13	78	1002014	47.157	ug/l	98
41) Methacrylonitrile	5.03	41	212791	49.575	ug/l	99
42) 1,2-Dichloroethane	6.18	62	350969	48.432	ug/l	100
43) Isopropyl Acetate	6.43	43	623160	48.362	ug/l	99
44) Trichloroethene	7.21	130	274347	47.045	ug/l	97
45) 1,2-Dichloropropane	7.51	63	268167	50.442	ug/l	99
46) Dibromomethane	7.65	93	169922	47.061	ug/l	99
47) Bromodichloromethane	7.89	83	340322	49.857	ug/l	98
48) Methyl methacrylate	7.76	41	311450	49.747	ug/l	99
49) 1,4-Dioxane	7.73	88	113670	811.136	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	2040109	251.707	ug/l	99
52) Toluene	8.78	92	638914	48.401	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	373841	48.116	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	416076	49.017	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	268465	50.468	ug/l	98
56) Ethyl methacrylate	9.17	69	435060	50.870	ug/l	99
57) 1,3-Dichloropropane	9.37	76	446936	48.744	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	781973	233.203	ug/l	99
59) 2-Hexanone	9.49	43	1536569	243.075	ug/l	99
60) Dibromochloromethane	9.57	129	274689	49.758	ug/l	100
61) 1,2-Dibromoethane	9.67	107	272945	48.041	ug/l	99
64) Tetrachloroethene	9.33	164	243093	46.450	ug/l	99
65) Chlorobenzene	10.14	112	693334	47.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	260201	49.732	ug/l	100
67) Ethyl Benzene	10.24	91	1217519	48.628	ug/l	100
68) m/p-Xylenes	10.35	106	921796	96.164	ug/l	100
69) o-Xylene	10.70	106	457841	48.973	ug/l	99
70) Styrene	10.71	104	791442	50.326	ug/l	99
71) Bromoform	10.85	173	212921	49.184	ug/l	100
73) Isopropylbenzene	11.01	105	1204649	48.576	ug/l	100
74) N-amyl acetate	10.89	43	568188	50.016	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	435834	50.677	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	390638m	49.127	ug/l	
77) Bromobenzene	11.25	156	313052	46.727	ug/l	96
78) n-propylbenzene	11.35	91	1341653	48.464	ug/l	99
79) 2-Chlorotoluene	11.42	91	817044	49.200	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1013072	49.843	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	131300	45.175	ug/l	98
82) 4-Chlorotoluene	11.51	91	928506	48.274	ug/l	99
83) tert-Butylbenzene	11.77	119	1023368	49.543	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1012801	49.098	ug/l	99
85) sec-Butylbenzene	11.94	105	1161356	49.223	ug/l	99
86) p-Isopropyltoluene	12.06	119	1073671	48.916	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	551183	47.197	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	556618	46.793	ug/l	99
89) n-Butylbenzene	12.38	91	898432	47.991	ug/l	100
90) Hexachloroethane	12.59	117	190145	47.927	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	563319	48.820	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	88185	47.087	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	366110	45.527	ug/l	99
94) Hexachlorobutadiene	13.77	225	172043	44.535	ug/l	100
95) Naphthalene	13.83	128	1141378	47.660	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	375599	47.173	ug/l	100

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

