

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013594.D
 Acq On : 25 Nov 2019 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/27/2019 12:30:09 PM

Quant Time: Nov 26 04:30:05 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	5.65	168	633545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	984933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	891298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	457245	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	378090	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	5.48	113	315535	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	8.71	98	1165227	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	423658	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	275552	37.748	ug/l	99
3) Chloromethane	1.32	50	317654	40.128	ug/l	97
4) Vinyl Chloride	1.40	62	386343	42.869	ug/l	100
5) Bromomethane	1.63	94	230669	36.729	ug/l	99
6) Chloroethane	1.71	64	226298	43.779	ug/l	98
7) Trichlorofluoromethane	1.92	101	443867	41.688	ug/l	100
8) Diethyl Ether	2.18	74	216652	46.014	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	276470	46.587	ug/l	98
10) Methyl Iodide	2.50	142	353426	48.103	ug/l	97
11) Tert butyl alcohol	3.03	59	407109	205.791	ug/l	99
12) 1,1-Dichloroethene	2.36	96	272338	46.863	ug/l	98
13) Acrolein	2.28	56	318572	297.130	ug/l	97
14) Allyl chloride	2.72	41	518694	49.123	ug/l	95
15) Acrylonitrile	3.13	53	948737	256.741	ug/l	98
16) Acetone	2.43	43	1002227	267.710	ug/l	100
17) Carbon Disulfide	2.56	76	604959	38.893	ug/l	100
18) Methyl Acetate	2.76	43	553762	53.578	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1028409	53.058	ug/l	99
20) Methylene Chloride	2.85	84	328235	47.454	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	293646	46.408	ug/l	97
22) Diisopropyl ether	3.84	45	1081797	53.067	ug/l	97
23) Vinyl Acetate	3.80	43	3674152	210.628	ug/l	100
24) 1,1-Dichloroethane	3.69	63	569633	49.951	ug/l	100
25) 2-Butanone	4.66	43	1400878	255.072	ug/l	98
26) 2,2-Dichloropropane	4.58	77	436684	48.135	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	368923	52.048	ug/l	97
28) Bromochloromethane	5.00	49	182894	56.485	ug/l	98
29) Tetrahydrofuran	5.11	42	840000	248.194	ug/l	99
30) Chloroform	5.20	83	571359	50.740	ug/l	99
31) Cyclohexane	5.57	56	455558	44.395	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	476147	49.134	ug/l	100
36) 1,1-Dichloropropene	5.79	75	401138	47.475	ug/l	98
37) Ethyl Acetate	4.82	43	505283	48.395	ug/l	100
38) Carbon Tetrachloride	5.78	117	398633	48.246	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	460554	43.744	ug/l	97
40) Benzene	6.14	78	1276015	48.481	ug/l	98
41) Methacrylonitrile	5.03	41	287871	49.191	ug/l	98
42) 1,2-Dichloroethane	6.18	62	450991	47.504	ug/l	97
43) Isopropyl Acetate	6.43	43	833540	51.269	ug/l	99
44) Trichloroethene	7.21	130	355745	49.102	ug/l	99
45) 1,2-Dichloropropane	7.51	63	341078	50.860	ug/l	99
46) Dibromomethane	7.65	93	221400	48.353	ug/l	98
47) Bromodichloromethane	7.89	83	447594	51.839	ug/l	96
48) Methyl methacrylate	7.76	41	405803	50.002	ug/l	96
49) 1,4-Dioxane	7.73	88	155245	835.288	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2657321	249.122	ug/l	99
52) Toluene	8.78	92	799463	49.008	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	496267	52.562	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	542555	51.371	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	350237	51.798	ug/l	98
56) Ethyl methacrylate	9.17	69	561102	48.652	ug/l	97
57) 1,3-Dichloropropane	9.37	76	581546	50.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1147167	248.132	ug/l	99
59) 2-Hexanone	9.49	43	2057328	249.585	ug/l	99
60) Dibromochloromethane	9.58	129	367431	53.134	ug/l	98
61) 1,2-Dibromoethane	9.67	107	356725	49.684	ug/l	100
64) Tetrachloroethene	9.33	164	465685	72.985	ug/l	97
65) Chlorobenzene	10.14	112	884682	49.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	341480	51.540	ug/l	99
67) Ethyl Benzene	10.25	91	1545199	49.616	ug/l	97
68) m/p-Xylenes	10.35	106	1171425	99.458	ug/l	100
69) o-Xylene	10.70	106	580406	50.334	ug/l	98
70) Styrene	10.71	104	1005327	52.155	ug/l	98
71) Bromoform	10.85	173	286408	46.838	ug/l	98
73) Isopropylbenzene	11.01	105	1529649	50.457	ug/l	99
74) N-amyl acetate	10.89	43	730298	51.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	536331	48.494	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	429291m	46.224	ug/l	
77) Bromobenzene	11.25	156	405734	50.203	ug/l	99
78) n-propylbenzene	11.35	91	1723966	51.050	ug/l	99
79) 2-Chlorotoluene	11.42	91	1034180	50.828	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1279844	50.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	179715	49.808	ug/l	97
82) 4-Chlorotoluene	11.51	91	1190974	50.004	ug/l	99
83) tert-Butylbenzene	11.76	119	1140059	44.850	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1295704	51.151	ug/l	98
85) sec-Butylbenzene	11.94	105	1498269	51.285	ug/l	99
86) p-Isopropyltoluene	12.06	119	1370486	50.945	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	721951	50.114	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	710895	48.434	ug/l	99
89) n-Butylbenzene	12.38	91	1191648	50.766	ug/l	99
90) Hexachloroethane	12.59	117	245716	51.265	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	731840	50.821	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119265	44.262	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	507520	50.526	ug/l	100
94) Hexachlorobutadiene	13.78	225	223441	45.468	ug/l	99
95) Naphthalene	13.83	128	1618114	51.343	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	519690	51.589	ug/l	98

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

