

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013763.D
 Acq On : 04 Dec 2019 20:33
 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
 12/5/2019 11:25:27 AM

Quant Time: Dec 05 04:21:57 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	638698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	977111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	884931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	444936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	348647	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	5.49	113	297509	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	1115561	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	11.14	95	406516	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	333080	46.853	ug/l	99
3) Chloromethane	1.32	50	362191	45.405	ug/l	99
4) Vinyl Chloride	1.40	62	436826	48.654	ug/l	98
5) Bromomethane	1.63	94	250538	41.552	ug/l	98
6) Chloroethane	1.71	64	237568	46.500	ug/l	97
7) Trichlorofluoromethane	1.92	101	476086	47.755	ug/l	100
8) Diethyl Ether	2.18	74	226246	50.162	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	283176	46.503	ug/l	98
10) Methyl Iodide	2.50	142	326779	44.362	ug/l	99
11) Tert butyl alcohol	3.04	59	428714	234.273	ug/l	99
12) 1,1-Dichloroethene	2.36	96	294467	48.446	ug/l	97
13) Acrolein	2.28	56	289704	237.037	ug/l	99
14) Allyl chloride	2.72	41	521549	47.282	ug/l	99
15) Acrylonitrile	3.13	53	910341	240.997	ug/l	100
16) Acetone	2.44	43	792160	216.419	ug/l	99
17) Carbon Disulfide	2.56	76	769498	44.409	ug/l	99
18) Methyl Acetate	2.76	43	529355	51.936	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1002220	49.772	ug/l	98
20) Methylene Chloride	2.84	84	333478	47.422	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	311047	46.974	ug/l	99
22) Diisopropyl ether	3.84	45	1044960	49.198	ug/l	97
23) Vinyl Acetate	3.80	43	4304537	243.617	ug/l	100
24) 1,1-Dichloroethane	3.69	63	563993	48.574	ug/l	98
25) 2-Butanone	4.66	43	1299745	238.928	ug/l	97
26) 2,2-Dichloropropane	4.57	77	433355	45.110	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	365637	48.083	ug/l	98
28) Bromochloromethane	5.00	49	230700	50.279	ug/l	100
29) Tetrahydrofuran	5.12	42	829909	247.473	ug/l	99
30) Chloroform	5.20	83	618089	52.490	ug/l	95
31) Cyclohexane	5.57	56	497364	45.415	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	485512	49.339	ug/l	99
36) 1,1-Dichloropropene	5.79	75	420936	47.458	ug/l	100
37) Ethyl Acetate	4.82	43	495145	49.761	ug/l	99
38) Carbon Tetrachloride	5.78	117	409446	50.063	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	499676	45.575	ug/l	99
40) Benzene	6.14	78	1293498	47.882	ug/l	98
41) Methacrylonitrile	5.03	41	274218	50.251	ug/l	98
42) 1,2-Dichloroethane	6.18	62	462192	50.168	ug/l	100
43) Isopropyl Acetate	6.43	43	806959	49.260	ug/l	100
44) Trichloroethene	7.21	130	352868	47.595	ug/l	98
45) 1,2-Dichloropropane	7.51	63	338981	50.153	ug/l	95
46) Dibromomethane	7.65	93	221778	48.313	ug/l	99
47) Bromodichloromethane	7.89	83	449676	51.817	ug/l	99
48) Methyl methacrylate	7.76	41	403328	50.673	ug/l	98
49) 1,4-Dioxane	7.73	88	184606	1036.164	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2572761	249.675	ug/l	100
52) Toluene	8.78	92	815303	48.581	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	489395	49.545	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	541416	50.170	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	338869	50.107	ug/l	98
56) Ethyl methacrylate	9.17	69	552635	50.826	ug/l	98
57) 1,3-Dichloropropane	9.37	76	564019	48.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1020112	239.290	ug/l	98
59) 2-Hexanone	9.49	43	1990673	247.698	ug/l	99
60) Dibromochloromethane	9.58	129	363785	51.832	ug/l	100
61) 1,2-Dibromoethane	9.67	107	354889	49.132	ug/l	99
64) Tetrachloroethene	9.33	164	306975	46.516	ug/l	99
65) Chlorobenzene	10.14	112	886900	48.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	335032	50.781	ug/l	100
67) Ethyl Benzene	10.25	91	1565965	49.600	ug/l	98
68) m/p-Xylenes	10.35	106	1187766	98.264	ug/l	100
69) o-Xylene	10.70	106	591682	50.190	ug/l	99
70) Styrene	10.71	104	1011159	50.989	ug/l	99
71) Bromoform	10.85	173	289697	53.068	ug/l	99
73) Isopropylbenzene	11.01	105	1536278	49.223	ug/l	100
74) N-amyl acetate	10.89	43	727288	50.869	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	546794	50.518	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	424876m	42.456	ug/l	
77) Bromobenzene	11.25	156	410803	48.722	ug/l	99
78) n-propylbenzene	11.35	91	1715239	49.231	ug/l	99
79) 2-Chlorotoluene	11.42	91	1012524	48.446	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1286438	50.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	180608	49.375	ug/l	98
82) 4-Chlorotoluene	11.51	91	1172893	48.453	ug/l	100
83) tert-Butylbenzene	11.77	119	1318510	50.718	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1294906	49.879	ug/l	100
85) sec-Butylbenzene	11.94	105	1471878	49.568	ug/l	100
86) p-Isopropyltoluene	12.06	119	1359734	49.223	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	718118	48.859	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	710682	47.472	ug/l	99
89) n-Butylbenzene	12.39	91	1164316	49.418	ug/l	100
90) Hexachloroethane	12.59	117	251509	50.371	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	719284	49.531	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	117909	50.025	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	498174	49.223	ug/l	99
94) Hexachlorobutadiene	13.78	225	225415	46.365	ug/l	99
95) Naphthalene	13.83	128	1572103	52.160	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	502535	50.149	ug/l	99

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

