

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013812.D
 Acq On : 06 Dec 2019 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:08 AM

Quant Time: Dec 07 04:44:11 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	589048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	905448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	811398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	404445	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	315684	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
35) Dibromofluoromethane	5.49	113	258825	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	8.71	98	991262	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.14	95	363360	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	305155	46.543	ug/l	98
3) Chloromethane	1.32	50	341207	46.380	ug/l	99
4) Vinyl Chloride	1.40	62	406883	49.139	ug/l	98
5) Bromomethane	1.63	94	252065	45.329	ug/l	98
6) Chloroethane	1.71	64	222217	47.161	ug/l	96
7) Trichlorofluoromethane	1.92	101	434996	47.311	ug/l	100
8) Diethyl Ether	2.18	74	207145	49.799	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	266371	47.430	ug/l	100
10) Methyl Iodide	2.50	142	340272	50.087	ug/l	100
11) Tert butyl alcohol	3.03	59	358138	212.202	ug/l	100
12) 1,1-Dichloroethene	2.36	96	269910	48.148	ug/l	98
13) Acrolein	2.28	56	302935	267.951	ug/l	99
14) Allyl chloride	2.72	41	484031	47.579	ug/l	100
15) Acrylonitrile	3.13	53	854785	245.363	ug/l	100
16) Acetone	2.44	43	955957	283.182	ug/l	99
17) Carbon Disulfide	2.56	76	685129	42.873	ug/l	99
18) Methyl Acetate	2.76	43	513318	54.607	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	924180	49.765	ug/l	99
20) Methylene Chloride	2.85	84	308691	47.598	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	283322	46.394	ug/l	97
22) Diisopropyl ether	3.84	45	985279	50.298	ug/l	99
23) Vinyl Acetate	3.80	43	2921367	179.272	ug/l	99
24) 1,1-Dichloroethane	3.69	63	533414	49.812	ug/l	99
25) 2-Butanone	4.66	43	1300780	259.273	ug/l	98
26) 2,2-Dichloropropane	4.58	77	383127	43.243	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	338316	48.240	ug/l	98
28) Bromochloromethane	5.00	49	227443	53.748	ug/l	99
29) Tetrahydrofuran	5.11	42	764426	247.160	ug/l	99
30) Chloroform	5.20	83	519892	47.872	ug/l	97
31) Cyclohexane	5.58	56	463944	45.934	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	443787	48.900	ug/l	99
36) 1,1-Dichloropropene	5.79	75	386535	47.028	ug/l	99
37) Ethyl Acetate	4.82	43	462245	50.131	ug/l	99
38) Carbon Tetrachloride	5.78	117	371420	49.008	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	467594	46.024	ug/l	98
40) Benzene	6.14	78	1205275	48.148	ug/l	99
41) Methacrylonitrile	5.03	41	258776	51.174	ug/l	99
42) 1,2-Dichloroethane	6.18	62	418302	48.997	ug/l	100
43) Isopropyl Acetate	6.43	43	747917	49.269	ug/l	100
44) Trichloroethene	7.21	130	338167	49.222	ug/l	100
45) 1,2-Dichloropropane	7.51	63	315744	50.413	ug/l	97
46) Dibromomethane	7.65	93	206790	48.613	ug/l	100
47) Bromodichloromethane	7.89	83	407887	50.722	ug/l	100
48) Methyl methacrylate	7.76	41	375285	50.881	ug/l	99
49) 1,4-Dioxane	7.73	88	137157	830.771	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2390757	250.376	ug/l	100
52) Toluene	8.78	92	759596	48.844	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	444472	48.558	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	492553	49.254	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	315515	50.346	ug/l	99
56) Ethyl methacrylate	9.17	69	509446	50.562	ug/l	99
57) 1,3-Dichloropropane	9.37	76	531731	49.225	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	972697	246.227	ug/l	100
59) 2-Hexanone	9.48	43	1891205	253.946	ug/l	99
60) Dibromochloromethane	9.58	129	331727	51.005	ug/l	99
61) 1,2-Dibromoethane	9.67	107	325849	48.682	ug/l	100
64) Tetrachloroethene	9.33	164	464803	76.815	ug/l	97
65) Chlorobenzene	10.14	112	816169	48.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	303638	50.193	ug/l	99
67) Ethyl Benzene	10.25	91	1443370	49.860	ug/l	100
68) m/p-Xylenes	10.35	106	1093084	98.626	ug/l	100
69) o-Xylene	10.70	106	541271	50.075	ug/l	99
70) Styrene	10.71	104	928877	51.085	ug/l	99
71) Bromoform	10.85	173	257749	51.495	ug/l #	100
73) Isopropylbenzene	11.01	105	1430001	50.405	ug/l	100
74) N-amyl acetate	10.89	43	653556	50.289	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	471417	47.915	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	390413m	42.918	ug/l	
77) Bromobenzene	11.25	156	372449	48.595	ug/l	99
78) n-propylbenzene	11.35	91	1608783	50.798	ug/l	100
79) 2-Chlorotoluene	11.42	91	950301	50.021	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1180590	50.774	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	156587	47.093	ug/l	99
82) 4-Chlorotoluene	11.51	91	1091022	49.583	ug/l	99
83) tert-Butylbenzene	11.76	119	1023048	43.293	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1186432	50.276	ug/l	100
85) sec-Butylbenzene	11.94	105	1372861	50.863	ug/l	100
86) p-Isopropyltoluene	12.06	119	1249886	49.776	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	648439	48.535	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	648186	47.632	ug/l	100
89) n-Butylbenzene	12.39	91	1076889	50.283	ug/l	99
90) Hexachloroethane	12.59	117	231481	51.001	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	654191	49.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	105788	49.376	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	439463	47.769	ug/l	97
94) Hexachlorobutadiene	13.78	225	214189	48.466	ug/l	98
95) Naphthalene	13.83	128	1394527	50.901	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	451592	49.577	ug/l	99

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

