

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112919\
 Data File : VX013692.D
 Acq On : 29 Nov 2019 10:47
 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

apatel
 12/2/2019 12:47:50 PM

Quant Time: Nov 29 22:39:26 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	737818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1093305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	990022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	506673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	391381	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
35) Dibromofluoromethane	5.48	113	324885	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	8.71	98	1266299	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	457735	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	403774	49.167	ug/l	98
3) Chloromethane	1.32	50	422906	45.894	ug/l	100
4) Vinyl Chloride	1.40	62	505785	48.767	ug/l	100
5) Bromomethane	1.63	94	289755	41.600	ug/l	99
6) Chloroethane	1.71	64	269854	45.723	ug/l	98
7) Trichlorofluoromethane	1.92	101	541310	47.003	ug/l	99
8) Diethyl Ether	2.18	74	244700	46.965	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	332665	47.291	ug/l	98
10) Methyl Iodide	2.50	142	381138	44.791	ug/l	99
11) Tert butyl alcohol	3.03	59	412971	195.353	ug/l	97
12) 1,1-Dichloroethene	2.36	96	328373	46.766	ug/l	98
13) Acrolein	2.28	56	305470	216.883	ug/l	100
14) Allyl chloride	2.72	41	594456	46.652	ug/l	98
15) Acrylonitrile	3.13	53	950007	217.711	ug/l	99
16) Acetone	2.44	43	1038158	245.523	ug/l	100
17) Carbon Disulfide	2.56	76	914678	45.696	ug/l	99
18) Methyl Acetate	2.76	43	541616	46.000	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1096188	47.126	ug/l	100
20) Methylene Chloride	2.85	84	368203	45.326	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	358052	46.809	ug/l	100
22) Diisopropyl ether	3.84	45	1168667	47.631	ug/l	100
23) Vinyl Acetate	3.80	43	4835372	236.896	ug/l	99
24) 1,1-Dichloroethane	3.69	63	637235	47.509	ug/l	99
25) 2-Butanone	4.65	43	1455150	231.559	ug/l	100
26) 2,2-Dichloropropane	4.57	77	529076	47.675	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	407761	46.419	ug/l	99
28) Bromochloromethane	5.00	49	278249	52.495	ug/l	99
29) Tetrahydrofuran	5.11	42	860518	222.128	ug/l	100
30) Chloroform	5.20	83	648319	47.660	ug/l	97
31) Cyclohexane	5.57	56	590150	46.648	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	535497	47.108	ug/l	99
36) 1,1-Dichloropropene	5.79	75	483380	48.706	ug/l	99
37) Ethyl Acetate	4.81	43	525566	47.205	ug/l	100
38) Carbon Tetrachloride	5.77	117	459525	50.215	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	609011	49.644	ug/l	99
40) Benzene	6.13	78	1449858	47.966	ug/l	99
41) Methacrylonitrile	5.03	41	301260	49.339	ug/l	98
42) 1,2-Dichloroethane	6.18	62	499923	48.496	ug/l	100
43) Isopropyl Acetate	6.43	43	867398	47.322	ug/l	100
44) Trichloroethene	7.20	130	400033	48.222	ug/l	95
45) 1,2-Dichloropropane	7.50	63	374993	49.585	ug/l	96
46) Dibromomethane	7.65	93	240860	46.893	ug/l	99
47) Bromodichloromethane	7.89	83	497290	51.214	ug/l	99
48) Methyl methacrylate	7.76	41	434299	48.765	ug/l	98
49) 1,4-Dioxane	7.73	88	180228	904.081	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2687242	233.070	ug/l	100
52) Toluene	8.78	92	923054	49.156	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	563752	51.007	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	615285	50.955	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	369429	48.820	ug/l	99
56) Ethyl methacrylate	9.17	69	605719	49.787	ug/l	99
57) 1,3-Dichloropropane	9.36	76	625279	47.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1136573	238.274	ug/l	100
59) 2-Hexanone	9.48	43	2144288	238.456	ug/l	99
60) Dibromochloromethane	9.57	129	402241	51.220	ug/l	99
61) 1,2-Dibromoethane	9.67	107	389614	48.207	ug/l	99
64) Tetrachloroethene	9.33	164	352264	47.713	ug/l	98
65) Chlorobenzene	10.14	112	995707	48.441	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	369714	50.089	ug/l	100
67) Ethyl Benzene	10.25	91	1762235	49.892	ug/l	98
68) m/p-Xylenes	10.35	106	1345483	99.496	ug/l	100
69) o-Xylene	10.70	106	653422	49.543	ug/l	100
70) Styrene	10.71	104	1127337	50.813	ug/l	100
71) Bromoform	10.85	173	307805	50.400	ug/l #	99
73) Isopropylbenzene	11.01	105	1729680	48.667	ug/l	100
74) N-amyl acetate	10.89	43	792729	48.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	576592	46.780	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	541574m	47.523	ug/l	
77) Bromobenzene	11.25	156	450290	46.898	ug/l	98
78) n-propylbenzene	11.35	91	1988939	50.131	ug/l	100
79) 2-Chlorotoluene	11.42	91	1153145	48.452	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1466412	50.342	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	200924	48.236	ug/l	99
82) 4-Chlorotoluene	11.51	91	1348093	48.905	ug/l	100
83) tert-Butylbenzene	11.76	119	1470743	49.681	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1468623	49.677	ug/l	100
85) sec-Butylbenzene	11.94	105	1704753	50.416	ug/l	100
86) p-Isopropyltoluene	12.06	119	1583086	50.325	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	811265	48.471	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	804640	47.199	ug/l	99
89) n-Butylbenzene	12.39	91	1408686	52.505	ug/l	99
90) Hexachloroethane	12.59	117	284470	50.030	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	811938	49.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	123431	45.987	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	579064	50.244	ug/l	100
94) Hexachlorobutadiene	13.78	225	273319	49.368	ug/l	98
95) Naphthalene	13.83	128	1710181	49.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	563492	49.381	ug/l	100

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

