

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013810.D
 Acq On : 06 Dec 2019 19:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:05 AM

Quant Time: Dec 07 04:40:59 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	584015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	904629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	810890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	321087	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	5.49	113	271740	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	1010444	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	11.13	95	371368	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	298295	45.889	ug/l	99
3) Chloromethane	1.32	50	343851	47.142	ug/l	99
4) Vinyl Chloride	1.40	62	404162	49.231	ug/l	98
5) Bromomethane	1.63	94	260789	47.302	ug/l	100
6) Chloroethane	1.71	64	223287	47.797	ug/l	99
7) Trichlorofluoromethane	1.92	101	431210	47.303	ug/l	100
8) Diethyl Ether	2.18	74	208530	50.564	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	264098	47.431	ug/l	99
10) Methyl Iodide	2.50	142	339096	50.344	ug/l	99
11) Tert butyl alcohol	3.04	59	402264	240.402	ug/l	99
12) 1,1-Dichloroethene	2.36	96	267824	48.188	ug/l	99
13) Acrolein	2.28	56	272320	243.508	ug/l	99
14) Allyl chloride	2.72	41	490233	48.604	ug/l	100
15) Acrylonitrile	3.13	53	872629	252.644	ug/l	100
16) Acetone	2.44	43	853299	254.950	ug/l	99
17) Carbon Disulfide	2.56	76	693195	43.752	ug/l	100
18) Methyl Acetate	2.76	43	507495	54.453	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	947646	51.469	ug/l	98
20) Methylene Chloride	2.84	84	319773	49.731	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	286477	47.315	ug/l	98
22) Diisopropyl ether	3.84	45	1011007	52.057	ug/l	97
23) Vinyl Acetate	3.80	43	3941162	243.936	ug/l	99
24) 1,1-Dichloroethane	3.69	63	545975	51.425	ug/l	99
25) 2-Butanone	4.66	43	1272590	255.840	ug/l	100
26) 2,2-Dichloropropane	4.57	77	384491	43.771	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	345504	49.690	ug/l	98
28) Bromochloromethane	5.00	49	219904	52.414	ug/l	99
29) Tetrahydrofuran	5.12	42	789527	257.475	ug/l	100
30) Chloroform	5.20	83	525953	48.847	ug/l	95
31) Cyclohexane	5.57	56	458728	45.809	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	445076	49.465	ug/l	99
36) 1,1-Dichloropropene	5.79	75	386215	47.032	ug/l	99
37) Ethyl Acetate	4.82	43	473081	51.353	ug/l	100
38) Carbon Tetrachloride	5.78	117	372545	49.201	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	458495	45.170	ug/l	99
40) Benzene	6.14	78	1222700	48.888	ug/l	99
41) Methacrylonitrile	5.03	41	261635	51.786	ug/l	99
42) 1,2-Dichloroethane	6.18	62	431726	50.615	ug/l	99
43) Isopropyl Acetate	6.43	43	770730	50.818	ug/l	100
44) Trichloroethene	7.21	130	323824	47.177	ug/l	97
45) 1,2-Dichloropropane	7.51	63	323385	51.680	ug/l	100
46) Dibromomethane	7.65	93	206906	48.684	ug/l	98
47) Bromodichloromethane	7.89	83	415337	51.695	ug/l	98
48) Methyl methacrylate	7.76	41	382910	51.962	ug/l	100
49) 1,4-Dioxane	7.73	88	156565	949.185	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2470841	258.997	ug/l	100
52) Toluene	8.78	92	761315	48.999	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	452410	49.470	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	506718	50.717	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	318473	50.864	ug/l	98
56) Ethyl methacrylate	9.17	69	525009	52.154	ug/l	99
57) 1,3-Dichloropropane	9.37	76	537746	49.826	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	966452	244.867	ug/l	99
59) 2-Hexanone	9.49	43	1913020	257.108	ug/l	99
60) Dibromochloromethane	9.58	129	336895	51.847	ug/l	99
61) 1,2-Dibromoethane	9.67	107	333347	49.848	ug/l	99
64) Tetrachloroethene	9.33	164	343817	56.856	ug/l	99
65) Chlorobenzene	10.14	112	816944	48.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	310383	51.341	ug/l	100
67) Ethyl Benzene	10.24	91	1446425	49.997	ug/l	99
68) m/p-Xylenes	10.35	106	1096893	99.032	ug/l	100
69) o-Xylene	10.70	106	535127	49.537	ug/l	99
70) Styrene	10.71	104	925244	50.917	ug/l	100
71) Bromoform	10.85	173	264359	52.849	ug/l	# 100
73) Isopropylbenzene	11.01	105	1416365	50.510	ug/l	100
74) N-amyl acetate	10.89	43	686826	53.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	508019	52.241	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	393666m	43.784	ug/l	
77) Bromobenzene	11.25	156	370107	48.856	ug/l	98
78) n-propylbenzene	11.35	91	1585293	50.644	ug/l	100
79) 2-Chlorotoluene	11.42	91	960478	51.150	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1177240	51.224	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	162310	49.387	ug/l	98
82) 4-Chlorotoluene	11.51	91	1097853	50.479	ug/l	98
83) tert-Butylbenzene	11.77	119	1144802	49.014	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1182295	50.688	ug/l	100
85) sec-Butylbenzene	11.94	105	1365201	51.172	ug/l	100
86) p-Isopropyltoluene	12.06	119	1252585	50.469	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	648834	49.135	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	650686	48.377	ug/l	99
89) n-Butylbenzene	12.38	91	1067031	50.407	ug/l	100
90) Hexachloroethane	12.59	117	225201	50.200	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	659652	50.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	110616	52.235	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	442986	48.717	ug/l	99
94) Hexachlorobutadiene	13.78	225	204169	46.741	ug/l	99
95) Naphthalene	13.83	128	1404020	51.848	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	443350	49.244	ug/l	100

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

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