

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122619\
 Data File : VX014286.D
 Acq On : 26 Dec 2019 21:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:19 PM

Quant Time: Dec 27 07:38:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	743175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	671698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	275334	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.48	113	229198	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.71	98	872152	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	309930	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	194037	46.223	ug/l	99
3) Chloromethane	1.32	50	274234	48.679	ug/l	99
4) Vinyl Chloride	1.40	62	295123	49.647	ug/l	99
5) Bromomethane	1.63	94	181093	42.922	ug/l	99
6) Chloroethane	1.72	64	190735	51.988	ug/l	93
7) Trichlorofluoromethane	1.92	101	380994	51.775	ug/l	100
8) Diethyl Ether	2.18	74	177368	51.358	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	232072	52.318	ug/l	99
10) Methyl Iodide	2.50	142	281338	48.194	ug/l	99
11) Tert butyl alcohol	3.03	59	274056	238.495	ug/l	99
12) 1,1-Dichloroethene	2.37	96	233181	51.661	ug/l	98
13) Acrolein	2.28	56	176706	268.638	ug/l	99
14) Allyl chloride	2.72	41	427827	53.087	ug/l	99
15) Acrylonitrile	3.13	53	753921	281.094	ug/l	99
16) Acetone	2.43	43	618656	179.188	ug/l	99
17) Carbon Disulfide	2.56	76	583711	46.634	ug/l	100
18) Methyl Acetate	2.76	43	386630	56.513	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	807813	54.464	ug/l	99
20) Methylene Chloride	2.85	84	274228	50.439	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	248395	49.952	ug/l	95
22) Diisopropyl ether	3.84	45	911278	56.744	ug/l	97
23) Vinyl Acetate	3.80	43	3820815	291.542	ug/l	99
24) 1,1-Dichloroethane	3.69	63	474931	53.154	ug/l	100
25) 2-Butanone	4.65	43	1026568	241.172	ug/l	99
26) 2,2-Dichloropropane	4.58	77	319012	45.986	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	294000	52.278	ug/l	99
28) Bromochloromethane	5.00	49	189926	55.224	ug/l	98
29) Tetrahydrofuran	5.11	42	677342	284.500	ug/l	98
30) Chloroform	5.20	83	460967	54.423	ug/l	99
31) Cyclohexane	5.58	56	419707	52.815	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	380592	52.722	ug/l	100
36) 1,1-Dichloropropene	5.79	75	343099	50.315	ug/l	99
37) Ethyl Acetate	4.82	43	406838	54.028	ug/l	99
38) Carbon Tetrachloride	5.78	117	321993	51.833	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	414933	49.280	ug/l	100
40) Benzene	6.14	78	1081103	51.527	ug/l	100
41) Methacrylonitrile	5.03	41	228588	54.711	ug/l	98
42) 1,2-Dichloroethane	6.19	62	369945	52.016	ug/l	99
43) Isopropyl Acetate	6.44	43	666852	53.511	ug/l	99
44) Trichloroethene	7.21	130	285691	49.297	ug/l	96
45) 1,2-Dichloropropane	7.51	63	285587	53.106	ug/l	97
46) Dibromomethane	7.65	93	181782	51.127	ug/l	97
47) Bromodichloromethane	7.89	83	357506	53.389	ug/l	99
48) Methyl methacrylate	7.76	41	327003	53.587	ug/l	99
49) 1,4-Dioxane	7.73	88	117046	942.523	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2084638	266.360	ug/l	100
52) Toluene	8.78	92	677441	51.083	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	389061	52.988	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	429873	52.552	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	276894	52.095	ug/l	99
56) Ethyl methacrylate	9.17	69	448223	53.684	ug/l	100
57) 1,3-Dichloropropane	9.37	76	471977	52.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	841850	266.438	ug/l	100
59) 2-Hexanone	9.48	43	1575855	250.126	ug/l	99
60) Dibromochloromethane	9.57	129	289074	54.715	ug/l	99
61) 1,2-Dibromoethane	9.67	107	286011	52.593	ug/l	100
64) Tetrachloroethene	9.33	164	292312	49.180	ug/l	98
65) Chlorobenzene	10.14	112	727303	50.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	267109	52.380	ug/l	100
67) Ethyl Benzene	10.25	91	1268668	51.668	ug/l	100
68) m/p-Xylenes	10.36	106	971344	102.855	ug/l	99
69) o-Xylene	10.70	106	474963	51.280	ug/l	99
70) Styrene	10.71	104	804639	51.375	ug/l	99
71) Bromoform	10.85	173	217947	53.169	ug/l #	100
73) Isopropylbenzene	11.01	105	1256265	53.287	ug/l	100
74) N-amyl acetate	10.89	43	575128	52.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	430494	52.670	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	399330m	54.933	ug/l	
77) Bromobenzene	11.25	156	322759	49.759	ug/l	99
78) n-propylbenzene	11.35	91	1401726	53.007	ug/l	100
79) 2-Chlorotoluene	11.42	91	832559	51.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1026249	51.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	131703	51.137	ug/l	99
82) 4-Chlorotoluene	11.51	91	947281	50.803	ug/l	99
83) tert-Butylbenzene	11.76	119	1025228	53.096	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1029539	51.814	ug/l	99
85) sec-Butylbenzene	11.94	105	1199710	52.631	ug/l	100
86) p-Isopropyltoluene	12.06	119	1094737	52.503	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	567021	49.878	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	558039	48.276	ug/l	99
89) n-Butylbenzene	12.39	91	926441	52.072	ug/l	100
90) Hexachloroethane	12.59	117	192852	51.493	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	571448	49.934	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87303	48.268	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	374885	50.401	ug/l	99
94) Hexachlorobutadiene	13.78	225	172817	48.344	ug/l	97
95) Naphthalene	13.83	128	1163508	53.241	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	373916	50.925	ug/l	97

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

