

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013808.D
 Acq On : 06 Dec 2019 18:35
 Operator : JC/SP
 Sample : K6184-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:07:57 AM

Quant Time: Dec 07 04:34:57 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	592578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	922715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	830898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405792	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	314279	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.48	113	264018	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	985355	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
62) 4-Bromofluorobenzene	11.14	95	363093	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	302130	45.807	ug/l	98
3) Chloromethane	1.32	50	331011	44.726	ug/l	98
4) Vinyl Chloride	1.40	62	400638	48.097	ug/l	100
5) Bromomethane	1.63	94	230234	41.157	ug/l	98
6) Chloroethane	1.70	64	220654	46.551	ug/l	99
7) Trichlorofluoromethane	1.92	101	430495	46.542	ug/l	99
8) Diethyl Ether	2.18	74	203777	48.697	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	259546	45.940	ug/l	99
10) Methyl Iodide	2.50	142	327463	47.915	ug/l	99
11) Tert butyl alcohol	3.04	59	426047	250.936	ug/l	99
12) 1,1-Dichloroethene	2.36	96	263247	46.680	ug/l	99
13) Acrolein	2.28	56	249304	220.292	ug/l	100
14) Allyl chloride	2.72	41	482435	47.140	ug/l	99
15) Acrylonitrile	3.13	53	876882	250.207	ug/l	100
16) Acetone	2.44	43	768796	226.383	ug/l	98
17) Carbon Disulfide	2.56	76	679134	42.245	ug/l	99
18) Methyl Acetate	2.76	43	477566	50.501	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	915470	49.003	ug/l	98
20) Methylene Chloride	2.84	84	303020	46.445	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	285731	46.510	ug/l	99
22) Diisopropyl ether	3.84	45	975726	49.514	ug/l	99
23) Vinyl Acetate	3.80	43	3796126	231.564	ug/l	100
24) 1,1-Dichloroethane	3.69	63	524256	48.666	ug/l	99
25) 2-Butanone	4.66	43	1254753	248.609	ug/l	100
26) 2,2-Dichloropropane	4.57	77	363735	40.810	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	332321	47.103	ug/l	98
28) Bromochloromethane	5.01	49	217795	51.161	ug/l	99
29) Tetrahydrofuran	5.11	42	809050	260.029	ug/l	99
30) Chloroform	5.20	83	520311	47.625	ug/l	99
31) Cyclohexane	5.57	56	454408	44.722	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	430910	47.199	ug/l	99
36) 1,1-Dichloropropene	5.79	75	381700	45.571	ug/l	99
37) Ethyl Acetate	4.82	43	444227	47.276	ug/l	99
38) Carbon Tetrachloride	5.78	117	364028	47.133	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	456798	44.120	ug/l	97
40) Benzene	6.13	78	1199070	47.003	ug/l	100
41) Methacrylonitrile	5.03	41	262940	51.024	ug/l	98
42) 1,2-Dichloroethane	6.18	62	414894	47.689	ug/l	99
43) Isopropyl Acetate	6.43	43	724795	46.853	ug/l	99
44) Trichloroethene	7.21	130	357483	51.060	ug/l	94
45) 1,2-Dichloropropane	7.51	63	311674	48.832	ug/l	98
46) Dibromomethane	7.65	93	204464	47.167	ug/l	99
47) Bromodichloromethane	7.89	83	399238	48.717	ug/l	99
48) Methyl methacrylate	7.76	41	376056	50.032	ug/l	98
49) 1,4-Dioxane	7.73	88	172608	1025.935	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2478868	254.745	ug/l	100
52) Toluene	8.78	92	744117	46.953	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	433094	46.430	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	480639	47.163	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	316192	49.510	ug/l	98
56) Ethyl methacrylate	9.17	69	509726	49.643	ug/l	99
57) 1,3-Dichloropropane	9.37	76	524611	47.657	ug/l	100
59) 2-Hexanone	9.49	43	1936323	255.139	ug/l	99
60) Dibromochloromethane	9.57	129	323489	48.808	ug/l	99
61) 1,2-Dibromoethane	9.67	107	329349	48.285	ug/l	98
64) Tetrachloroethene	9.33	164	273076	44.071	ug/l	96
65) Chlorobenzene	10.14	112	810498	46.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	300238	48.467	ug/l	98
67) Ethyl Benzene	10.25	91	1410472	47.580	ug/l	98
68) m/p-Xylenes	10.35	106	1079368	95.103	ug/l	100
69) o-Xylene	10.70	106	534365	48.276	ug/l	99
70) Styrene	10.71	104	905343	48.622	ug/l	99
71) Bromoform	10.85	173	259573	50.642	ug/l	100
73) Isopropylbenzene	11.01	105	1386104	48.695	ug/l	100
74) N-amyl acetate	10.89	43	642694	49.289	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	515612	52.233	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	396697m	43.464	ug/l	
77) Bromobenzene	11.25	156	365318	47.507	ug/l	98
78) n-propylbenzene	11.35	91	1553336	48.885	ug/l	100
79) 2-Chlorotoluene	11.42	91	919351	48.232	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1155262	49.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	160912	48.234	ug/l	99
82) 4-Chlorotoluene	11.51	91	1047182	47.433	ug/l	100
83) tert-Butylbenzene	11.76	119	1175070	49.561	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1155380	48.797	ug/l	99
85) sec-Butylbenzene	11.94	105	1319792	48.734	ug/l	100
86) p-Isopropyltoluene	12.06	119	1228632	48.767	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	630186	47.012	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	632390	46.317	ug/l	99
89) n-Butylbenzene	12.39	91	1008648	46.940	ug/l	99
90) Hexachloroethane	12.59	117	224539	49.308	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	641265	48.418	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	110065	51.201	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	401750	43.525	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	192646	43.447	ug/l	98
95) Naphthalene	13.83	128	1320765	48.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	411835	45.063	ug/l	99

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

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