

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013834.D
 Acq On : 07 Dec 2019 05:27
 Operator : JC/SP
 Sample : K6185-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:25 AM

Quant Time: Dec 07 06:02:54 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	549366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	854155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	773644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383563	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	309612	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.48	113	262378	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	980095	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.14	95	357503	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	296764	48.532	ug/l	99
3) Chloromethane	1.32	50	332269	48.427	ug/l	100
4) Vinyl Chloride	1.40	62	393059	50.898	ug/l	100
5) Bromomethane	1.63	94	246607	47.551	ug/l	98
6) Chloroethane	1.70	64	218389	49.697	ug/l	98
7) Trichlorofluoromethane	1.92	101	417220	48.655	ug/l	99
8) Diethyl Ether	2.18	74	196695	50.702	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1328340	253.609	ug/l	98
10) Methyl Iodide	2.50	142	326043	51.460	ug/l	100
11) Tert butyl alcohol	3.04	59	420563	267.190	ug/l	100
12) 1,1-Dichloroethene	2.36	96	274066	52.421	ug/l	96
13) Acrolein	2.28	56	312889	296.101	ug/l	100
14) Allyl chloride	2.72	41	457724	48.243	ug/l	99
15) Acrylonitrile	3.13	53	855355	263.262	ug/l	99
16) Acetone	2.44	43	750141	238.264	ug/l	99
17) Carbon Disulfide	2.56	76	663998	44.552	ug/l	100
18) Methyl Acetate	2.76	43	441462	50.355	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	891554	51.476	ug/l	98
20) Methylene Chloride	2.84	84	299527	49.521	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	277954	48.802	ug/l	98
22) Diisopropyl ether	3.84	45	962571	52.689	ug/l	98
23) Vinyl Acetate	3.80	43	3451110	227.077	ug/l	100
24) 1,1-Dichloroethane	3.69	63	518667	51.934	ug/l	99
25) 2-Butanone	4.66	43	1215675	259.812	ug/l	98
26) 2,2-Dichloropropane	4.58	77	267136	32.329	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	362706	55.454	ug/l	95
28) Bromochloromethane	5.00	49	212168	53.760	ug/l	98
29) Tetrahydrofuran	5.11	42	785977	272.484	ug/l	99
30) Chloroform	5.20	83	508762	50.231	ug/l	97
31) Cyclohexane	5.57	56	446352	47.384	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	427562	50.516	ug/l	99
36) 1,1-Dichloropropene	5.79	75	378565	48.824	ug/l	99
37) Ethyl Acetate	4.82	43	407053	46.797	ug/l	99
38) Carbon Tetrachloride	5.78	117	362909	50.760	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	440946	46.008	ug/l	98
40) Benzene	6.14	78	1180892	50.006	ug/l	99
41) Methacrylonitrile	5.03	41	266948	55.960	ug/l	97
42) 1,2-Dichloroethane	6.18	62	411643	51.113	ug/l	99
43) Isopropyl Acetate	6.43	43	686705	47.954	ug/l	100
44) Trichloroethene	7.21	130	1065547	164.410	ug/l	98
45) 1,2-Dichloropropane	7.51	63	308563	52.225	ug/l	98
46) Dibromomethane	7.65	93	202811	50.541	ug/l	98
47) Bromodichloromethane	7.89	83	393247	51.838	ug/l	99
48) Methyl methacrylate	7.76	41	368975	53.030	ug/l	99
49) 1,4-Dioxane	7.73	88	175707	1128.182	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2409908	267.537	ug/l	100
52) Toluene	8.78	92	734913	50.095	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	406602	47.089	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	456865	48.429	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	308504	52.183	ug/l	98
56) Ethyl methacrylate	9.17	69	501836	52.798	ug/l	99
57) 1,3-Dichloropropane	9.37	76	515356	50.574	ug/l	100
59) 2-Hexanone	9.49	43	1871825	266.438	ug/l	99
60) Dibromochloromethane	9.58	129	320492	52.237	ug/l	99
61) 1,2-Dibromoethane	9.67	107	320551	50.767	ug/l	99
64) Tetrachloroethene	9.33	164	356299	61.757	ug/l	98
65) Chlorobenzene	10.14	112	792306	49.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	298415	51.737	ug/l	100
67) Ethyl Benzene	10.25	91	1383478	50.123	ug/l	97
68) m/p-Xylenes	10.35	106	1057550	100.077	ug/l	100
69) o-Xylene	10.70	106	522264	50.674	ug/l	99
70) Stvrene	10.71	104	890417	51.359	ug/l	99
71) Bromoform	10.85	173	252165	52.838	ug/l #	100
73) Isopropylbenzene	11.01	105	1360280	50.558	ug/l	100
74) N-amyl acetate	10.89	43	584444	47.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	500014	53.588	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	447952m	51.924	ug/l	
77) Bromobenzene	11.25	156	364976	50.213	ug/l	99
78) n-propylbenzene	11.35	91	1514217	50.415	ug/l	100
79) 2-Chlorotoluene	11.42	91	907549	50.372	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1126915	51.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	139936	44.377	ug/l	100
82) 4-Chlorotoluene	11.51	91	1035439	49.619	ug/l	100
83) tert-Butylbenzene	11.77	119	1150660	51.344	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1126200	50.322	ug/l	99
85) sec-Butylbenzene	11.94	105	1288481	50.335	ug/l	100
86) p-Isopropyltoluene	12.06	119	1187099	49.849	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	623945	49.244	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	619359	47.991	ug/l	99
89) n-Butylbenzene	12.39	91	967393	47.630	ug/l	100
90) Hexachloroethane	12.59	117	217182	50.456	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	629305	50.269	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	108238	53.269	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	397844	45.600	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	182936	43.648	ug/l	99
95) Naphthalene	13.83	128	1257352	48.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	402838	46.633	ug/l	98

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

