

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010896.D
 Acq On : 15 Jul 2019 19:44
 Operator : JC/SP
 Sample : K3791-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:48:01 AM

Quant Time: Jul 16 03:59:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	366330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113402	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	5.49	113	106038	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
50) Toluene-d8	8.71	98	379065	40.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.66%	
62) 4-Bromofluorobenzene	11.13	95	150665	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84920	46.753	ug/l	100
3) Chloromethane	1.32	50	90287	42.688	ug/l	98
4) Vinyl Chloride	1.41	62	98056	42.327	ug/l	97
5) Bromomethane	1.64	94	51756	45.858	ug/l	96
6) Chloroethane	1.71	64	61098	44.703	ug/l	100
7) Trichlorofluoromethane	1.93	101	173997	47.380	ug/l	99
8) Diethyl Ether	2.19	74	60233	45.736	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98623	44.315	ug/l	99
10) Methyl Iodide	2.51	142	136236	42.894	ug/l	96
11) Tert butyl alcohol	3.05	59	144491	225.423	ug/l	100
12) 1,1-Dichloroethene	2.37	96	99619	43.990	ug/l	98
13) Acrolein	2.29	56	107360	252.488	ug/l	98
14) Allyl chloride	2.73	41	144942	45.083	ug/l	95
15) Acrylonitrile	3.14	53	292475	230.465	ug/l	99
16) Acetone	2.45	43	242985	197.925	ug/l	96
17) Carbon Disulfide	2.57	76	233708	38.467	ug/l	100
18) Methyl Acetate	2.78	43	105687	43.194	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	335703	47.122	ug/l	99
20) Methylene Chloride	2.85	84	113536	44.939	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	105251	43.214	ug/l	97
22) Diisopropyl ether	3.86	45	315877	46.992	ug/l	# 87
23) Vinyl Acetate	3.81	43	1272547	219.141	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183486	47.223	ug/l	99
25) 2-Butanone	4.67	43	402018	223.241	ug/l	98
26) 2,2-Dichloropropane	4.59	77	130607	38.695	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	125751	44.680	ug/l	98
28) Bromochloromethane	5.01	49	78257	42.125	ug/l	93
29) Tetrahydrofuran	5.13	42	256094	229.590	ug/l	98
30) Chloroform	5.21	83	196254	46.944	ug/l	100
31) Cyclohexane	5.58	56	153199	43.297	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	173788	47.079	ug/l	99
36) 1,1-Dichloropropene	5.80	75	137918	43.761	ug/l	98
37) Ethyl Acetate	4.83	43	140270	43.263	ug/l	98
38) Carbon Tetrachloride	5.79	117	151966	44.528	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170036	41.044	ug/l	98
40) Benzene	6.14	78	432263	44.024	ug/l	100
41) Methacrylonitrile	5.04	41	83479	46.925	ug/l	97
42) 1,2-Dichloroethane	6.20	62	150822	50.461	ug/l	97
43) Isopropyl Acetate	6.45	43	235268	43.858	ug/l	98
44) Trichloroethene	7.21	130	125367	42.670	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111799	45.089	ug/l	99
46) Dibromomethane	7.66	93	81256	45.675	ug/l	95
47) Bromodichloromethane	7.90	83	150767	46.244	ug/l	99
48) Methyl methacrylate	7.77	41	119481	47.919	ug/l	98
49) 1,4-Dioxane	7.74	88	62936	876.203	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	815693	237.757	ug/l	99
52) Toluene	8.78	92	282196	43.643	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160353	43.870	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172887	43.525	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	121370	45.513	ug/l	98
56) Ethyl methacrylate	9.18	69	187312	46.367	ug/l	95
57) 1,3-Dichloropropane	9.37	76	192855	46.588	ug/l	99
59) 2-Hexanone	9.49	43	634002	234.803	ug/l	97
60) Dibromochloromethane	9.58	129	132631	44.420	ug/l	99
61) 1,2-Dibromoethane	9.67	107	130990	45.508	ug/l	100
64) Tetrachloroethene	9.33	164	114263	38.564	ug/l	96
65) Chlorobenzene	10.14	112	323860	43.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	121783	44.955	ug/l	99
67) Ethyl Benzene	10.25	91	561427	44.715	ug/l	99
68) m/p-Xylenes	10.36	106	426011	87.567	ug/l	95
69) o-Xylene	10.69	106	211435	44.194	ug/l	97
70) Stvrene	10.71	104	363073	45.252	ug/l	97
71) Bromoform	10.85	173	102501	43.510	ug/l	100
73) Isopropylbenzene	11.02	105	569503	43.629	ug/l	98
74) N-amyl acetate	10.90	43	212716	43.120	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	190667	44.106	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157771m	44.962	ug/l	
77) Bromobenzene	11.26	156	156085	42.823	ug/l	97
78) n-propylbenzene	11.36	91	637666	44.448	ug/l	99
79) 2-Chlorotoluene	11.42	91	375956	44.009	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	476722	44.301	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	55170	36.679	ug/l #	87
82) 4-Chlorotoluene	11.51	91	442998	45.572	ug/l	98
83) tert-Butylbenzene	11.77	119	478014	44.258	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	484016	44.769	ug/l	98
85) sec-Butylbenzene	11.94	105	561469	44.275	ug/l	99
86) p-Isopropyltoluene	12.06	119	517853	44.148	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	273861	43.044	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	270982	41.836	ug/l	99
89) n-Butylbenzene	12.38	91	439967	44.140	ug/l	99
90) Hexachloroethane	12.60	117	84807	41.813	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	271316	42.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40522	43.477	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	187009	42.646	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	88125	41.119	ug/l	97
95) Naphthalene	13.83	128	573457	42.555	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188423	43.217	ug/l	100

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

