

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010263.D
 Acq On : 12 Jun 2019 20:05
 Operator : JC/SP
 Sample : K3309-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611MS

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 9:17:47 AM

Quant Time: Jun 13 03:43:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	277942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	393442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138569	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	5.50	113	139754	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	8.71	98	521580	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	193835	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	119021	46.539	ug/l	98
3) Chloromethane	1.32	50	122688	48.305	ug/l	100
4) Vinyl Chloride	1.41	62	140040	58.665	ug/l	98
5) Bromomethane	1.64	94	51829	57.537	ug/l	100
6) Chloroethane	1.71	64	81095	67.381	ug/l	99
7) Trichlorofluoromethane	1.93	101	193995	54.710	ug/l	99
8) Diethyl Ether	2.19	74	69836	57.142	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107751	44.084	ug/l	91
10) Methyl Iodide	2.51	142	171252	45.221	ug/l	98
11) Tert butyl alcohol	3.05	59	156937	236.131	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113229	45.355	ug/l #	79
13) Acrolein	2.29	56	33703	278.108	ug/l	99
14) Allyl chloride	2.73	41	164892	43.756	ug/l #	87
15) Acrylonitrile	3.14	53	336022	247.354	ug/l	99
16) Acetone	2.45	43	258319	202.437	ug/l #	89
17) Carbon Disulfide	2.57	76	299215	41.480	ug/l	98
18) Methyl Acetate	2.78	43	135823	48.399	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	378545	47.197	ug/l	93
20) Methylene Chloride	2.85	84	129385	46.169	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	122968	44.509	ug/l #	78
22) Diisopropyl ether	3.85	45	350504	48.647	ug/l #	91
23) Vinyl Acetate	3.82	43	1543723	240.169	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	202726	46.342	ug/l	95
25) 2-Butanone	4.68	43	454652	239.271	ug/l #	84
26) 2,2-Dichloropropane	4.59	77	146995	36.833	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	147481	47.984	ug/l	76
28) Bromochloromethane	5.02	49	95513	48.717	ug/l #	48
29) Tetrahydrofuran	5.13	42	295074	247.097	ug/l #	76
30) Chloroform	5.21	83	218414	48.075	ug/l	97
31) Cyclohexane	5.58	56	178258	45.150	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	193694	45.350	ug/l #	93
36) 1,1-Dichloropropene	5.80	75	153250	43.857	ug/l	92
37) Ethyl Acetate	4.83	43	169425	46.600	ug/l #	91
38) Carbon Tetrachloride	5.79	117	175910	44.476	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	196066	41.206	ug/l #	81
40) Benzene	6.14	78	504368	46.678	ug/l	99
41) Methacrylonitrile	5.04	41	92218	46.890	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	154842	44.888	ug/l	93
43) Isopropyl Acetate	6.45	43	279719	46.014	ug/l #	89
44) Trichloroethene	7.21	130	146566	45.001	ug/l	87
45) 1,2-Dichloropropane	7.51	63	127813	47.260	ug/l	99
46) Dibromomethane	7.66	93	91636	45.228	ug/l	90
47) Bromodichloromethane	7.90	83	172877	45.662	ug/l #	95
48) Methyl methacrylate	7.77	41	135047	47.502	ug/l #	77
49) 1,4-Dioxane	7.74	88	69550	858.051	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	925922	254.965	ug/l	90
52) Toluene	8.79	92	332267	46.780	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	188052	42.943	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	203480	43.343	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	143001	49.160	ug/l	95
56) Ethyl methacrylate	9.18	69	219953	47.868	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	216265	47.224	ug/l	99
59) 2-Hexanone	9.49	43	718718	248.220	ug/l	88
60) Dibromochloromethane	9.58	129	161975	47.076	ug/l	100
61) 1,2-Dibromoethane	9.67	107	152111	46.952	ug/l	99
64) Tetrachloroethene	9.34	164	127640	43.680	ug/l	98
65) Chlorobenzene	10.14	112	588034	72.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	145023	46.441	ug/l	100
67) Ethyl Benzene	10.25	91	634628	45.909	ug/l	95
68) m/p-Xylenes	10.36	106	495654	92.657	ug/l	89
69) o-Xylene	10.69	106	248091	46.655	ug/l	89
70) Styrene	10.71	104	416346	46.230	ug/l	95
71) Bromoform	10.85	173	133153	46.382	ug/l	99
73) Isopropylbenzene	11.02	105	641010	44.890	ug/l	95
74) N-amyl acetate	10.90	43	260474	46.145	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	229081	46.866	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	183820m	44.927	ug/l	
77) Bromobenzene	11.26	156	179828	45.795	ug/l	81
78) n-propylbenzene	11.36	91	711233	44.740	ug/l	94
79) 2-Chlorotoluene	11.42	91	424694	44.481	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	532546	44.279	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	75337	40.682	ug/l #	84
82) 4-Chlorotoluene	11.51	91	478705	44.137	ug/l	90
83) tert-Butylbenzene	11.77	119	549394	45.132	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	547066	45.032	ug/l	95
85) sec-Butylbenzene	11.94	105	633187	44.647	ug/l	96
86) p-Isopropyltoluene	12.06	119	582915	44.960	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	317760	45.941	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	339387	48.675	ug/l	98
89) n-Butylbenzene	12.38	91	495567	44.405	ug/l	97
90) Hexachloroethane	12.60	117	111812	43.293	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	320417	47.651	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48357	42.041	ug/l	64
93) 1,2,4-Trichlorobenzene	13.65	180	219118	44.517	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	100472	45.898	ug/l	98
95) Naphthalene	13.83	128	733049	47.311	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	221737	45.562	ug/l	98

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

