

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016919.D
 Acq On : 20 Jun 2020 09:17
 Operator : JC/SP
 Sample : L3066-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2MSD

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:22:10 PM

Quant Time: Jun 22 08:04:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	367372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	585880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	549098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	262140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179935	40.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.44%	
35) Dibromofluoromethane	5.47	113	163538	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	
50) Toluene-d8	8.70	98	651377	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
62) 4-Bromofluorobenzene	11.12	95	244292	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	212192	47.066	ug/l	98
3) Chloromethane	1.31	50	175465	38.383	ug/l	100
4) Vinyl Chloride	1.39	62	248760	48.281	ug/l	98
5) Bromomethane	1.62	94	81907	26.402	ug/l	100
6) Chloroethane	1.71	64	156628	49.359	ug/l	99
7) Trichlorofluoromethane	1.92	101	316571	43.920	ug/l	99
8) Diethyl Ether	2.17	74	132115	47.144	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	160747	41.869	ug/l	98
10) Methyl Iodide	2.49	142	96062	26.283	ug/l	94
11) Tert butyl alcohol	3.01	59	191354	256.191	ug/l	99
12) 1,1-Dichloroethene	2.36	96	172959	44.056	ug/l	98
13) Acrolein	2.27	56	143110	316.018	ug/l	100
14) Allyl chloride	2.71	41	252617	48.646	ug/l	95
15) Acrylonitrile	3.12	53	468634	273.793	ug/l	98
16) Acetone	2.42	43	367724	229.266	ug/l	98
17) Carbon Disulfide	2.55	76	460705	45.409	ug/l	100
18) Methyl Acetate	2.75	43	197369	48.392	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	552005	49.339	ug/l	99
20) Methylene Chloride	2.84	84	177766	46.217	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	174152	46.994	ug/l	98
22) Diisopropyl ether	3.82	45	528605	53.130	ug/l	96
23) Vinyl Acetate	3.78	43	1870513	227.996	ug/l	98
24) 1,1-Dichloroethane	3.67	63	306291	49.284	ug/l	99
25) 2-Butanone	4.64	43	707791	320.644	ug/l	97
26) 2,2-Dichloropropane	4.55	77	190157	32.658	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	225837	54.220	ug/l	98
28) Bromochloromethane	4.98	49	148312	57.498	ug/l	90
29) Tetrahydrofuran	5.09	42	453859	326.466	ug/l	95
30) Chloroform	5.18	83	350641	53.441	ug/l	98
31) Cyclohexane	5.55	56	291419	53.336	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	305235	49.152	ug/l	99
36) 1,1-Dichloropropene	5.77	75	261529	48.345	ug/l	98
37) Ethyl Acetate	4.79	43	248376	51.965	ug/l	98
38) Carbon Tetrachloride	5.75	117	269574	44.412	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	271792	43.210	ug/l	99
40) Benzene	6.12	78	732160	45.106	ug/l	99
41) Methacrylonitrile	5.01	41	154823	59.666	ug/l	97
42) 1,2-Dichloroethane	6.16	62	238595	41.308	ug/l	99
43) Isopropyl Acetate	6.42	43	369605	44.282	ug/l	99
44) Trichloroethene	7.19	130	226330	45.529	ug/l	98
45) 1,2-Dichloropropane	7.49	63	205357	50.326	ug/l	97
46) Dibromomethane	7.64	93	134330	48.543	ug/l	97
47) Bromodichloromethane	7.88	83	279961	47.569	ug/l	99
48) Methyl methacrylate	7.74	41	218187	55.513	ug/l	98
49) 1,4-Dioxane	7.71	88	88539	1006.332	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1374932	273.879	ug/l	99
52) Toluene	8.77	92	520549	48.342	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	314694	48.637	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	321861	46.499	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	207740	51.097	ug/l	97
56) Ethyl methacrylate	9.16	69	334515	56.836	ug/l	98
57) 1,3-Dichloropropane	9.35	76	356061	51.661	ug/l	100
59) 2-Hexanone	9.48	43	1023631	281.567	ug/l	99
60) Dibromochloromethane	9.57	129	240486	49.308	ug/l	100
61) 1,2-Dibromoethane	9.65	107	222345	50.394	ug/l	99
64) Tetrachloroethene	9.32	164	187566	36.888	ug/l	91
65) Chlorobenzene	10.12	112	574227	51.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	215635	50.039	ug/l	97
67) Ethyl Benzene	10.24	91	2222956	118.491	ug/l	100
68) m/p-Xylenes	10.35	106	1359582	186.235	ug/l	99
69) o-Xylene	10.68	106	373555	55.339	ug/l	97
70) Styrene	10.70	104	638404	55.661	ug/l	99
71) Bromoform	10.84	173	181260	50.029	ug/l #	100
73) Isopropylbenzene	11.01	105	4175799	247.411	ug/l	99
74) N-amyl acetate	10.88	43	363289	61.641	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.26	83	307163	64.451	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	259522m	54.208	ug/l	
77) Bromobenzene	11.24	156	245681	53.374	ug/l	96
78) n-propylbenzene	11.35	91	7072339	375.465	ug/l	99
79) 2-Chlorotoluene	11.41	91	1018069	88.338	ug/l	77
80) 1,3,5-Trimethylbenzene	11.49	105	2920950	200.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90235	46.156	ug/l	99
82) 4-Chlorotoluene	11.49	91	922477	66.720	ug/l	87
83) tert-Butylbenzene	11.76	119	1057942	73.426	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	13811466	920.718	ug/l	80
85) sec-Butylbenzene	11.93	105	2051138	122.575	ug/l	84
86) p-Isopropyltoluene	12.05	119	1187904	77.479	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	408942	48.628	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	406523	47.799	ug/l	99
89) n-Butylbenzene	12.37	91	1246186	94.785	ug/l #	80
90) Hexachloroethane	12.58	117	267085	96.706	ug/l #	49
91) 1,2-Dichlorobenzene	12.38	146	396512	48.841	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	84354	74.648	ug/l	84
93) 1,2,4-Trichlorobenzene	13.63	180	278617	51.108	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	72916	29.641	ug/l	97
95) Naphthalene	13.82	128	2024158	126.471	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	281759	51.826	ug/l	99

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

