

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016869.D
 Acq On : 19 Jun 2020 03:41
 Operator : JC/SP
 Sample : L3020-22MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:52 PM

Quant Time: Jun 19 12:20:41 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	5.64	168	225785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170779	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	127767	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	5.47	113	118613	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	
50) Toluene-d8	8.70	98	424043	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.12	95	161722	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	147787	53.336	ug/l	99
3) Chloromethane	1.31	50	174017	61.936	ug/l	100
4) Vinyl Chloride	1.39	62	169940	53.667	ug/l	100
5) Bromomethane	1.62	94	106550	55.883	ug/l	100
6) Chloroethane	1.71	64	99585	51.062	ug/l	99
7) Trichlorofluoromethane	1.92	101	219248	49.493	ug/l	100
8) Diethyl Ether	2.17	74	90008	52.259	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99788	42.290	ug/l	98
10) Methyl Iodide	2.49	142	116613	51.913	ug/l	99
11) Tert butyl alcohol	3.01	59	122488	266.828	ug/l	98
12) 1,1-Dichloroethene	2.36	96	118444	49.090	ug/l	99
13) Acrolein	2.27	56	72359	259.984	ug/l	99
14) Allyl chloride	2.71	41	156591	49.064	ug/l	99
15) Acrylonitrile	3.12	53	288529	274.277	ug/l	99
16) Acetone	2.42	43	231875	235.224	ug/l	98
17) Carbon Disulfide	2.55	76	290280	46.553	ug/l	100
18) Methyl Acetate	2.75	43	143216	57.134	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	368687	53.618	ug/l	98
20) Methylene Chloride	2.84	84	116938	49.467	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	112146	49.239	ug/l	99
22) Diisopropyl ether	3.82	45	322457	52.734	ug/l	98
23) Vinyl Acetate	3.79	43	1310678	259.940	ug/l	100
24) 1,1-Dichloroethane	3.67	63	192391	50.369	ug/l	99
25) 2-Butanone	4.64	43	384845	283.671	ug/l	100
26) 2,2-Dichloropropane	4.55	77	139281	38.921	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	126437	49.391	ug/l	99
28) Bromochloromethane	4.98	49	92964	58.641	ug/l	96
29) Tetrahydrofuran	5.09	42	280813	328.659	ug/l	98
30) Chloroform	5.17	83	233125	57.812	ug/l	100
31) Cyclohexane	5.54	56	178700	53.216	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	209211	54.816	ug/l	99
36) 1,1-Dichloropropene	5.77	75	154129	47.618	ug/l	99
37) Ethyl Acetate	4.79	43	157008	54.900	ug/l	99
38) Carbon Tetrachloride	5.76	117	174868	48.149	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	171341	45.526	ug/l	98
40) Benzene	6.12	78	461279	47.495	ug/l	98
41) Methacrylonitrile	5.01	41	94228	60.690	ug/l	99
42) 1,2-Dichloroethane	6.17	62	165975	48.024	ug/l	99
43) Isopropyl Acetate	6.42	43	247439	49.546	ug/l	99
44) Trichloroethene	7.19	130	138251	46.480	ug/l	98
45) 1,2-Dichloropropane	7.49	63	126143	51.665	ug/l	97
46) Dibromomethane	7.64	93	86180	52.049	ug/l	100
47) Bromodichloromethane	7.87	83	209027	59.358	ug/l	99
48) Methyl methacrylate	7.74	41	137297	58.382	ug/l	100
49) 1,4-Dioxane	7.71	88	60898	1156.807	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	807634	268.871	ug/l	100
52) Toluene	8.77	92	312195	48.455	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	212872	54.986	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	219882	53.091	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134573	55.320	ug/l	98
56) Ethyl methacrylate	9.16	69	213035	60.494	ug/l	100
57) 1,3-Dichloropropane	9.35	76	216679	52.542	ug/l	100
59) 2-Hexanone	9.47	43	765434	351.882	ug/l	99
60) Dibromochloromethane	9.57	129	182361	62.490	ug/l	99
61) 1,2-Dibromoethane	9.65	107	162545	61.571	ug/l	99
64) Tetrachloroethene	9.32	164	148984	42.648	ug/l	98
65) Chlorobenzene	10.12	112	356641	46.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134902	45.565	ug/l	99
67) Ethyl Benzene	10.24	91	594777	46.146	ug/l	100
68) m/p-Xylenes	10.34	106	464937	92.699	ug/l	100
69) o-Xylene	10.68	106	222585	47.995	ug/l	98
70) Styrene	10.70	104	390421	49.547	ug/l	100
71) Bromoform	10.84	173	121587	48.847	ug/l	98
73) Isopropylbenzene	11.00	105	587563	53.436	ug/l	99
74) N-amyl acetate	10.88	43	227210	59.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	170289	54.846	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	173003m	55.468	ug/l	
77) Bromobenzene	11.24	156	161265	53.777	ug/l	99
78) n-propylbenzene	11.34	91	663788	54.092	ug/l	99
79) 2-Chlorotoluene	11.40	91	403672	53.765	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	510854	53.847	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	66835	52.475	ug/l	99
82) 4-Chlorotoluene	11.49	91	479947	53.283	ug/l	99
83) tert-Butylbenzene	11.76	119	460674	49.077	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	498938	51.054	ug/l	98
85) sec-Butylbenzene	11.93	105	534952	49.071	ug/l	100
86) p-Isopropyltoluene	12.05	119	512418	51.301	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	268356	48.982	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	270467	48.814	ug/l	100
89) n-Butylbenzene	12.37	91	414804	48.428	ug/l	100
90) Hexachloroethane	12.58	117	92581	51.455	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	258212	48.821	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41295	56.093	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	193529	54.491	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	78813	49.177	ug/l	98
95) Naphthalene	13.82	128	627513	60.182	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	199512	56.330	ug/l	99

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

