

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019742.D
 Acq On : 05 Dec 2020 01:06
 Operator : JC/MD
 Sample : L4953-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:53:15 AM

Quant Time: Dec 05 06:46:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	319440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	523692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247722	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	209541	49.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.82%		
35) Dibromofluoromethane	5.46	113	170978	50.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.04%		
50) Toluene-d8	8.70	98	657581	50.89	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.78%		
62) 4-Bromofluorobenzene	11.12	95	252571	51.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.72%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	153898	52.622	ug/l	100
3) Chloromethane	1.31	50	158093	45.964	ug/l	99
4) Vinyl Chloride	1.39	62	187664	51.746	ug/l	99
5) Bromomethane	1.62	94	56076	46.567	ug/l	99
6) Chloroethane	1.70	64	117177	53.786	ug/l	99
7) Trichlorofluoromethane	1.91	101	259990	51.476	ug/l	96
8) Diethyl Ether	2.17	74	108853	50.858	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	153126	52.894	ug/l	99
10) Methyl Iodide	2.49	142	172309	40.380	ug/l	99
11) Tert butyl alcohol	3.01	59	202453	234.396	ug/l	99
12) 1,1-Dichloroethene	2.36	96	155202	53.029	ug/l	98
13) Acrolein	2.27	56	117061	252.602	ug/l	98
14) Allyl chloride	2.70	41	246953	49.960	ug/l	99
15) Acrylonitrile	3.11	53	495961	261.311	ug/l	100
16) Acetone	2.42	43	414917	262.928	ug/l	99
17) Carbon Disulfide	2.55	76	407624	48.539	ug/l	100
18) Methyl Acetate	2.75	43	264413	68.471	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	551520	51.743	ug/l	99
20) Methylene Chloride	2.83	84	187351	52.062	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	177232	51.941	ug/l	99
22) Diisopropyl ether	3.82	45	516810	51.712	ug/l	92
23) Vinyl Acetate	3.78	43	1922481	225.788	ug/l	100
24) 1,1-Dichloroethane	3.67	63	310968	51.598	ug/l	100
25) 2-Butanone	4.63	43	635285	261.989	ug/l	99
26) 2,2-Dichloropropane	4.55	77	222672	42.904	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	257060	64.375	ug/l	96
28) Bromochloromethane	4.98	49	147993	51.512	ug/l	99
29) Tetrahydrofuran	5.09	42	404166	258.698	ug/l	99
30) Chloroform	5.17	83	320226	51.675	ug/l	99
31) Cyclohexane	5.54	56	265869	50.909	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	273219	51.197	ug/l	100
36) 1,1-Dichloropropene	5.77	75	236735	50.026	ug/l	100
37) Ethyl Acetate	4.79	43	236469	49.491	ug/l	100
38) Carbon Tetrachloride	5.75	117	232463	50.164	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	272823	49.070	ug/l	99
40) Benzene	6.11	78	726690	50.270	ug/l	99
41) Methacrylonitrile	5.00	41	136414	52.000	ug/l	99
42) 1,2-Dichloroethane	6.16	62	253030	51.231	ug/l	100
43) Isopropyl Acetate	6.41	43	386436	49.747	ug/l	100
44) Trichloroethene	7.18	130	191294	50.436	ug/l	99
45) 1,2-Dichloropropane	7.49	63	183304	50.736	ug/l	97
46) Dibromomethane	7.63	93	124804	51.153	ug/l	99
47) Bromodichloromethane	7.87	83	249439	51.522	ug/l	99
48) Methyl methacrylate	7.74	41	197196	51.616	ug/l	100
49) 1,4-Dioxane	7.71	88	86677	936.560	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1230636	259.483	ug/l	100
52) Toluene	8.76	92	459161	50.786	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	269506	50.165	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	293170	50.229	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	188133	51.636	ug/l	97
56) Ethyl methacrylate	9.16	69	287504	52.156	ug/l	99
57) 1,3-Dichloropropane	9.35	76	314799	50.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	738299	252.820	ug/l	99
59) 2-Hexanone	9.47	43	957735	260.524	ug/l	100
60) Dibromochloromethane	9.56	129	193590	52.298	ug/l	99
61) 1,2-Dibromoethane	9.65	107	198156	51.218	ug/l	99
64) Tetrachloroethene	9.32	164	170190	52.114	ug/l	98
65) Chlorobenzene	10.12	112	485514	50.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	179503	51.404	ug/l	100
67) Ethyl Benzene	10.23	91	883481	51.302	ug/l	98
68) m/p-Xylenes	10.34	106	667014	102.788	ug/l	99
69) o-Xylene	10.68	106	323477	51.820	ug/l	98
70) Styrene	10.70	104	550317	52.231	ug/l	100
71) Bromoform	10.84	173	146606	53.368	ug/l	# 100
73) Isopropylbenzene	11.00	105	856494	50.607	ug/l	100
74) N-amyl acetate	10.88	43	319723	47.141	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	302924	50.768	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	280563m	50.497	ug/l	
77) Bromobenzene	11.24	156	218973	50.558	ug/l	98
78) n-propylbenzene	11.34	91	973404	50.357	ug/l	100
79) 2-Chlorotoluene	11.40	91	591042	49.652	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	722778	50.602	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	94540	49.190	ug/l	99
82) 4-Chlorotoluene	11.49	91	695016	49.852	ug/l	98
83) tert-Butylbenzene	11.76	119	698257	49.845	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	739672	51.409	ug/l	99
85) sec-Butylbenzene	11.93	105	799652	49.997	ug/l	100
86) p-Isopropyltoluene	12.05	119	735501	50.177	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391598	49.263	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	393472	48.598	ug/l	100
89) n-Butylbenzene	12.37	91	635261	48.917	ug/l	100
90) Hexachloroethane	12.58	117	127832	50.513	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	443898	57.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64354	50.170	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	237449	47.073	ug/l	98
94) Hexachlorobutadiene	13.76	225	97944	43.442	ug/l	98
95) Naphthalene	13.82	128	836930	51.177	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	244897	49.677	ug/l	99

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

