

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019562.D
 Acq On : 23 Nov 2020 19:46
 Operator : JC/MD
 Sample : L4798-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:59:56 PM

Quant Time: Nov 24 04:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	278406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	466096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177436	49.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.30%
35) Dibromofluoromethane	5.46	113	143750	49.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.26%
50) Toluene-d8	8.70	98	541641	47.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.28%
62) 4-Bromofluorobenzene	11.12	95	200064	48.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.82%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	191921	70.888	ug/l	100
3) Chloromethane	1.31	50	134009	43.135	ug/l	99
4) Vinyl Chloride	1.39	62	529105	158.209	ug/l	99
5) Bromomethane	1.62	94	52518	41.459	ug/l	99
6) Chloroethane	1.69	64	37963	46.281	ug/l	94
7) Trichlorofluoromethane	1.89	101	239411	49.599	ug/l	99
8) Diethyl Ether	2.17	74	99325	51.380	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	227758	84.576	ug/l	99
10) Methyl Iodide	2.48	142	176475	49.883	ug/l	100
11) Tert butyl alcohol	3.05	59	178883	261.850	ug/l	99
12) 1,1-Dichloroethene	2.34	96	172053	62.248	ug/l	98
13) Acrolein	2.28	56	102619	223.469	ug/l	99
14) Allyl chloride	2.70	41	206152	47.610	ug/l	98
15) Acrylonitrile	3.12	53	405145	251.470	ug/l	99
16) Acetone	2.43	43	323221	231.540	ug/l	99
17) Carbon Disulfide	2.54	76	335704	45.210	ug/l	100
18) Methyl Acetate	2.75	43	163970	47.932	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	508168	53.263	ug/l	97
20) Methylene Chloride	2.83	84	161665	46.335	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	176886	56.484	ug/l	98
22) Diisopropyl ether	3.83	45	452459	50.512	ug/l	92
23) Vinyl Acetate	3.79	43	1858066	247.300	ug/l	98
24) 1,1-Dichloroethane	3.67	63	276940	50.547	ug/l	99
25) 2-Butanone	4.64	43	507106	241.824	ug/l	98
26) 2,2-Dichloropropane	4.55	77	211909	44.312	ug/l #	1
27) cis-1,2-Dichloroethene	4.56	96	6277238	1745.031	ug/l	88
28) Bromochloromethane	4.98	49	111887	42.714	ug/l	96
29) Tetrahydrofuran	5.09	42	338310	252.850	ug/l	98
30) Chloroform	5.17	83	291413	50.867	ug/l	97
31) Cyclohexane	5.54	56	225748	48.083	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	253920	51.598	ug/l	99
36) 1,1-Dichloropropene	5.76	75	213889	48.949	ug/l	99
37) Ethyl Acetate	4.80	43	194351	47.377	ug/l #	78
38) Carbon Tetrachloride	5.75	117	216154	51.106	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	229997	45.205	ug/l	97
40) Benzene	6.11	78	651745	48.544	ug/l	99
41) Methacrylonitrile	5.01	41	109425	48.372	ug/l	97
42) 1,2-Dichloroethane	6.16	62	229263	49.821	ug/l	100
43) Isopropyl Acetate	6.42	43	328207	47.595	ug/l	99
44) Trichloroethene	7.22	130	24390318	6935.512	ug/l	98
45) 1,2-Dichloropropane	7.49	63	156549	47.365	ug/l	99
46) Dibromomethane	7.63	93	112946	49.929	ug/l	99
47) Bromodichloromethane	7.87	83	225201	51.303	ug/l	99
48) Methyl methacrylate	7.74	41	163832	50.730	ug/l	98
49) 1,4-Dioxane	7.72	88	80936	1103.773	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1023751	254.591	ug/l	99
52) Toluene	8.76	92	401049	48.830	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	243517	51.367	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	263103	50.010	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	164613	49.213	ug/l	98
56) Ethyl methacrylate	9.16	69	249145	52.639	ug/l	99
57) 1,3-Dichloropropane	9.35	76	276241	49.327	ug/l	100
59) 2-Hexanone	9.48	43	789048	258.727	ug/l	99
60) Dibromochloromethane	9.57	129	170910	52.165	ug/l	98
61) 1,2-Dibromoethane	9.65	107	174920	50.732	ug/l	100
64) Tetrachloroethene	9.32	164	173635	53.604	ug/l	97
65) Chlorobenzene	10.12	112	422721	49.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	160521	52.086	ug/l	98
67) Ethyl Benzene	10.23	91	749089	50.468	ug/l	99
68) m/p-Xylenes	10.34	106	565338	102.234	ug/l	98
69) o-Xylene	10.68	106	276085	52.228	ug/l	98
70) Styrene	10.70	104	469411	48.039	ug/l	100
71) Bromoform	10.84	173	123616	47.541	ug/l #	99
73) Isopropylbenzene	11.00	105	729573	51.303	ug/l	100
74) N-amyl acetate	10.88	43	277736	52.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	260888	51.300	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	231692m	51.645	ug/l	
77) Bromobenzene	11.24	156	186779	51.449	ug/l	96
78) n-propylbenzene	11.34	91	806005	49.406	ug/l	100
79) 2-Chlorotoluene	11.40	91	494983	50.029	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	613483	51.425	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80824	48.773	ug/l	100
82) 4-Chlorotoluene	11.49	91	586484	50.354	ug/l	100
83) tert-Butylbenzene	11.76	119	598232	51.834	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	622661	51.586	ug/l	99
85) sec-Butylbenzene	11.93	105	673096	49.023	ug/l	100
86) p-Isopropyltoluene	12.05	119	613586	49.221	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	332291	49.840	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	335294	48.823	ug/l	99
89) n-Butylbenzene	12.37	91	522404	46.354	ug/l	98
90) Hexachloroethane	12.58	117	106504	51.057	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	326312	48.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57030	54.969	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	217790	50.660	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	77768	39.709	ug/l	98
95) Naphthalene	13.82	128	743047	49.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216525	50.352	ug/l	98

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

