

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019563.D
 Acq On : 23 Nov 2020 20:09
 Operator : JC/MD
 Sample : L4798-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MSD

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:59:58 PM

Quant Time: Nov 24 04:49:28 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	5.63	168	270585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	465332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172915	49.29	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.58%
35) Dibromofluoromethane	5.46	113	142226	48.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.38%
50) Toluene-d8	8.70	98	527974	46.52	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.04%
62) 4-Bromofluorobenzene	11.12	95	201646	49.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.76%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	190406m	72.362	ug/l
3) Chloromethane	1.31	50	131298	43.484	ug/l
4) Vinyl Chloride	1.39	62	526376	161.942	ug/l
5) Bromomethane	1.62	94	53499	43.454	ug/l
6) Chloroethane	1.69	64	36035	45.092	ug/l
7) Trichlorofluoromethane	1.89	101	236364	50.383	ug/l
8) Diethyl Ether	2.17	74	97769	52.036	ug/l
9) 1,1,2-Trichlorotrifluoroet	2.35	101	224645	85.831	ug/l
10) Methyl Iodide	2.48	142	169167	49.200	ug/l
11) Tert butyl alcohol	3.06	59	180472	271.812	ug/l
12) 1,1-Dichloroethene	2.34	96	168394	62.685	ug/l
13) Acrolein	2.28	56	100925	226.132	ug/l
14) Allyl chloride	2.70	41	206567	49.085	ug/l
15) Acrylonitrile	3.12	53	404936	258.605	ug/l
16) Acetone	2.43	43	320026	235.877	ug/l
17) Carbon Disulfide	2.54	76	338493	46.903	ug/l
18) Methyl Acetate	2.75	43	162488	48.860	ug/l
19) Methyl tert-butyl Ether	3.17	73	500874	54.016	ug/l
20) Methylene Chloride	2.83	84	160345	47.285	ug/l
21) trans-1,2-Dichloroethene	3.14	96	177146	58.202	ug/l
22) Diisopropyl ether	3.83	45	441108	50.668	ug/l
23) Vinyl Acetate	3.79	43	1823822	249.759	ug/l
24) 1,1-Dichloroethane	3.67	63	273818	51.422	ug/l
25) 2-Butanone	4.65	43	506147	248.343	ug/l
26) 2,2-Dichloropropane	4.55	77	206856	44.505	ug/l #
27) cis-1,2-Dichloroethene	4.56	96	6259667	1790.444	ug/l
28) Bromochloromethane	4.98	49	110858	43.544	ug/l
29) Tetrahydrofuran	5.10	42	329302	253.231	ug/l
30) Chloroform	5.17	83	287899	51.706	ug/l
31) Cyclohexane	5.54	56	222367	48.732	ug/l
32) 1,1,1-Trichloroethane	5.46	97	251635	52.611	ug/l
36) 1,1-Dichloropropene	5.76	75	209788	48.089	ug/l
37) Ethyl Acetate	4.80	43	191573	46.777	ug/l #
38) Carbon Tetrachloride	5.75	117	213552	50.574	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	229426	45.167	ug/l	99
40) Benzene	6.11	78	639903	47.741	ug/l	100
41) Methacrylonitrile	5.01	41	109425	48.452	ug/l	98
42) 1,2-Dichloroethane	6.16	62	225384	49.058	ug/l	99
43) Isopropyl Acetate	6.42	43	326148	47.374	ug/l	99
44) Trichloroethene	7.21	130	24194502	6891.126	ug/l	97
45) 1,2-Dichloropropane	7.49	63	154048	46.685	ug/l	99
46) Dibromomethane	7.63	93	111756	49.484	ug/l	99
47) Bromodichloromethane	7.87	83	221876	50.629	ug/l	98
48) Methyl methacrylate	7.74	41	162869	50.515	ug/l	98
49) 1,4-Dioxane	7.72	88	79727	1089.070	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1008522	251.216	ug/l	98
52) Toluene	8.76	92	398279	48.572	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	241124	50.946	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	257838	49.090	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	162033	48.521	ug/l	97
56) Ethyl methacrylate	9.16	69	245826	52.023	ug/l	99
57) 1,3-Dichloropropane	9.35	76	272526	48.744	ug/l	100
59) 2-Hexanone	9.48	43	780029	256.189	ug/l	98
60) Dibromochloromethane	9.57	129	169495	51.818	ug/l	99
61) 1,2-Dibromoethane	9.65	107	174288	50.632	ug/l	99
64) Tetrachloroethene	9.32	164	173367	53.509	ug/l	98
65) Chlorobenzene	10.12	112	420657	49.637	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	155665	50.499	ug/l	99
67) Ethyl Benzene	10.23	91	744672	50.159	ug/l	98
68) m/p-Xylenes	10.34	106	554846	100.313	ug/l	100
69) o-Xylene	10.68	106	270469	51.154	ug/l	100
70) Stvrene	10.70	104	466107	47.702	ug/l	99
71) Bromoform	10.84	173	127174	48.795	ug/l	98
73) Isopropylbenzene	11.00	105	719938	51.550	ug/l	99
74) N-amyl acetate	10.88	43	273611	52.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	260343	52.128	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	231722m	52.595	ug/l	
77) Bromobenzene	11.24	156	183962	51.599	ug/l	99
78) n-propylbenzene	11.34	91	813895	50.801	ug/l	100
79) 2-Chlorotoluene	11.40	91	499808	51.440	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	608891	51.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80417	49.359	ug/l	99
82) 4-Chlorotoluene	11.49	91	587475	51.361	ug/l	100
83) tert-Butylbenzene	11.76	119	601308	53.052	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	620764	52.368	ug/l	99
85) sec-Butylbenzene	11.93	105	677735	50.262	ug/l	100
86) p-Isopropyltoluene	12.05	119	620593	50.692	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	334128	51.031	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	340402	50.472	ug/l	99
89) n-Butylbenzene	12.37	91	536569	48.481	ug/l	99
90) Hexachloroethane	12.58	117	107575	52.513	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	332080	50.498	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57261	56.200	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	216645	51.314	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	83384	43.355	ug/l	100
95) Naphthalene	13.82	128	753266	50.560	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	215359	50.996	ug/l	99

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

