

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019644.D
 Acq On : 25 Nov 2020 07:01
 Operator : JC/MD
 Sample : L4835-15MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:55:04 AM

Quant Time: Nov 25 07:54:20 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	262600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	447926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193474	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170261	50.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.02%
35) Dibromofluoromethane	5.46	113	139334	49.56	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.12%
50) Toluene-d8	8.70	98	527209	48.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.50%
62) 4-Bromofluorobenzene	11.12	95	192335	48.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.86%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126483	49.530	ug/l	97
3) Chloromethane	1.31	50	142270	48.550	ug/l	100
4) Vinyl Chloride	1.39	62	155652	49.343	ug/l	99
5) Bromomethane	1.62	94	59274	49.609	ug/l	98
6) Chloroethane	1.69	64	87541	119.827	ug/l	96
7) Trichlorofluoromethane	1.90	101	220075	48.337	ug/l	99
8) Diethyl Ether	2.17	74	90899	49.851	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123142	48.480	ug/l	99
10) Methyl Iodide	2.48	142	172935	51.825	ug/l	100
11) Tert butyl alcohol	3.04	59	163086	253.095	ug/l	100
12) 1,1-Dichloroethene	2.35	96	126139	48.383	ug/l	99
13) Acrolein	2.28	56	87587	202.214	ug/l	99
14) Allyl chloride	2.70	41	199695	48.895	ug/l	99
15) Acrylonitrile	3.12	53	400356	263.454	ug/l	100
16) Acetone	2.42	43	319204	242.426	ug/l	99
17) Carbon Disulfide	2.54	76	324828	46.378	ug/l	99
18) Methyl Acetate	2.75	43	146598	45.467	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	483895	53.771	ug/l	99
20) Methylene Chloride	2.83	84	158922	48.290	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	147495	49.934	ug/l	99
22) Diisopropyl ether	3.82	45	443588	52.502	ug/l	97
23) Vinyl Acetate	3.78	43	1653194	233.277	ug/l	100
24) 1,1-Dichloroethane	3.67	63	266565	51.582	ug/l	99
25) 2-Butanone	4.64	43	505523	255.579	ug/l	99
26) 2,2-Dichloropropane	4.55	77	168490	37.353	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	176399	51.989	ug/l	99
28) Bromochloromethane	4.98	49	116872	47.303	ug/l	99
29) Tetrahydrofuran	5.09	42	323088	256.008	ug/l	100
30) Chloroform	5.18	83	280725	51.950	ug/l	97
31) Cyclohexane	5.54	56	222773	50.305	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	241091	51.939	ug/l	99
36) 1,1-Dichloropropene	5.76	75	204604	48.723	ug/l	99
37) Ethyl Acetate	4.79	43	177120	44.928	ug/l	100
38) Carbon Tetrachloride	5.75	117	203663	50.106	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	228006	46.632	ug/l	98
40) Benzene	6.11	78	634416	49.170	ug/l	100
41) Methacrylonitrile	5.00	41	109834	50.523	ug/l	98
42) 1,2-Dichloroethane	6.16	62	220391	49.835	ug/l	99
43) Isopropyl Acetate	6.42	43	306493	46.249	ug/l	100
44) Trichloroethene	7.18	130	165952	49.104	ug/l	97
45) 1,2-Dichloropropane	7.49	63	159766	50.299	ug/l	99
46) Dibromomethane	7.63	93	109222	50.241	ug/l	100
47) Bromodichloromethane	7.87	83	218821	51.872	ug/l	99
48) Methyl methacrylate	7.74	41	163764	52.766	ug/l	100
49) 1,4-Dioxane	7.71	88	73056	1036.723	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	990601	256.340	ug/l	99
52) Toluene	8.76	92	405368	51.358	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	227696	49.978	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	250205	49.487	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	163651	50.910	ug/l	98
56) Ethyl methacrylate	9.16	69	244693	53.795	ug/l	99
57) 1,3-Dichloropropane	9.35	76	274764	51.054	ug/l	99
59) 2-Hexanone	9.48	43	742484	253.334	ug/l	99
60) Dibromochloromethane	9.57	129	166777	52.968	ug/l	99
61) 1,2-Dibromoethane	9.65	107	168758	50.930	ug/l	99
64) Tetrachloroethene	9.32	164	134364	42.425	ug/l	97
65) Chlorobenzene	10.12	112	420653	50.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	158935	52.747	ug/l	97
67) Ethyl Benzene	10.23	91	755833	52.083	ug/l	98
68) m/p-Xylenes	10.34	106	552082	102.111	ug/l	99
69) o-Xylene	10.68	106	270126	52.265	ug/l	99
70) Styrene	10.70	104	450375	47.172	ug/l	99
71) Bromoform	10.84	173	116785	46.059	ug/l #	97
73) Isopropylbenzene	11.00	105	714973	53.419	ug/l	99
74) N-amyl acetate	10.88	43	241406	48.134	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	244647	51.114	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	213974m	50.678	ug/l	
77) Bromobenzene	11.24	156	177781	52.032	ug/l	100
78) n-propylbenzene	11.34	91	801257	52.185	ug/l	100
79) 2-Chlorotoluene	11.40	91	485058	52.091	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	596788	53.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	68492	44.337	ug/l	98
82) 4-Chlorotoluene	11.49	91	566470	51.677	ug/l	100
83) tert-Butylbenzene	11.76	119	585280	53.882	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	606652	53.401	ug/l	99
85) sec-Butylbenzene	11.93	105	664337	51.410	ug/l	100
86) p-Isopropyltoluene	12.05	119	599673	51.112	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	320118	51.016	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	317667	49.148	ug/l	99
89) n-Butylbenzene	12.37	91	510097	48.092	ug/l	99
90) Hexachloroethane	12.58	117	103758	52.850	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	311320	49.398	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50572	51.792	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	202575	50.066	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	79340	43.045	ug/l	97
95) Naphthalene	13.82	128	691427	48.518	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	204662	50.569	ug/l	99

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

