

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019643.D
 Acq On : 25 Nov 2020 06:37
 Operator : JC/MD
 Sample : L4835-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:55:00 AM

Quant Time: Nov 25 07:53:00 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	255155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	437059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168617	50.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.94%
35) Dibromofluoromethane	5.46	113	136203	49.65	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.30%
50) Toluene-d8	8.70	98	529520	49.67	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.34%
62) 4-Bromofluorobenzene	11.12	95	193187	50.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122987	49.566	ug/l	99
3) Chloromethane	1.31	50	140829	49.461	ug/l	99
4) Vinyl Chloride	1.39	62	151663	49.482	ug/l	99
5) Bromomethane	1.62	94	54780	47.186	ug/l	98
6) Chloroethane	1.69	64	80311	112.880	ug/l	98
7) Trichlorofluoromethane	1.90	101	213765	48.321	ug/l	98
8) Diethyl Ether	2.17	74	90192	50.907	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	118796	48.134	ug/l	99
10) Methyl Iodide	2.48	142	165519	51.050	ug/l	98
11) Tert butyl alcohol	3.04	59	158953	253.879	ug/l	100
12) 1,1-Dichloroethene	2.35	96	122002	48.162	ug/l	96
13) Acrolein	2.28	56	84581	200.972	ug/l	99
14) Allyl chloride	2.70	41	191770	48.325	ug/l	99
15) Acrylonitrile	3.12	53	390087	264.187	ug/l	99
16) Acetone	2.42	43	309566	241.966	ug/l	100
17) Carbon Disulfide	2.54	76	304531	44.749	ug/l	100
18) Methyl Acetate	2.75	43	141140	45.057	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	466355	53.335	ug/l	100
20) Methylene Chloride	2.83	84	156404	48.912	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142467	49.639	ug/l	97
22) Diisopropyl ether	3.82	45	433066	52.753	ug/l	98
23) Vinyl Acetate	3.78	43	1614126	234.410	ug/l	100
24) 1,1-Dichloroethane	3.67	63	257136	51.209	ug/l	100
25) 2-Butanone	4.63	43	492104	256.055	ug/l	100
26) 2,2-Dichloropropane	4.55	77	162247	37.019	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	172230	52.242	ug/l	98
28) Bromochloromethane	4.98	49	114188	47.565	ug/l	99
29) Tetrahydrofuran	5.09	42	316863	258.401	ug/l	100
30) Chloroform	5.18	83	273915	52.169	ug/l	99
31) Cyclohexane	5.54	56	213416	49.599	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	234571	52.009	ug/l	99
36) 1,1-Dichloropropene	5.76	75	196870	48.047	ug/l	99
37) Ethyl Acetate	4.79	43	173788	45.179	ug/l	99
38) Carbon Tetrachloride	5.75	117	194887	49.139	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	215382	45.145	ug/l	100
40) Benzene	6.11	78	620469	49.285	ug/l	100
41) Methacrylonitrile	5.01	41	106205	50.068	ug/l	97
42) 1,2-Dichloroethane	6.16	62	215227	49.878	ug/l	100
43) Isopropyl Acetate	6.41	43	300523	46.476	ug/l	100
44) Trichloroethene	7.19	130	159291	48.305	ug/l	96
45) 1,2-Dichloropropane	7.49	63	156424	50.471	ug/l	99
46) Dibromomethane	7.63	93	107412	50.637	ug/l	99
47) Bromodichloromethane	7.87	83	213335	51.829	ug/l	98
48) Methyl methacrylate	7.74	41	159264	52.592	ug/l	99
49) 1,4-Dioxane	7.72	88	71417	1038.663	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	989964	262.545	ug/l	100
52) Toluene	8.76	92	398119	51.693	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	222341	50.016	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	241826	49.019	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	162322	51.752	ug/l	98
56) Ethyl methacrylate	9.16	69	240149	54.109	ug/l	100
57) 1,3-Dichloropropane	9.35	76	272721	51.934	ug/l	99
59) 2-Hexanone	9.48	43	734274	256.762	ug/l	99
60) Dibromochloromethane	9.56	129	162644	52.940	ug/l	100
61) 1,2-Dibromoethane	9.65	107	168712	52.183	ug/l	98
64) Tetrachloroethene	9.32	164	133080	41.479	ug/l	97
65) Chlorobenzene	10.12	112	413392	49.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155454	50.927	ug/l	97
67) Ethyl Benzene	10.23	91	745826	50.731	ug/l	100
68) m/p-Xylenes	10.34	106	557423	101.771	ug/l	99
69) o-Xylene	10.68	106	268964	51.370	ug/l	100
70) Styrene	10.69	104	448955	46.444	ug/l	100
71) Bromoform	10.84	173	114882	44.829	ug/l #	97
73) Isopropylbenzene	11.00	105	710598	53.450	ug/l	100
74) N-amyl acetate	10.88	43	243367	48.852	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	244598	51.448	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	217424m	51.841	ug/l	
77) Bromobenzene	11.24	156	177207	52.213	ug/l	100
78) n-propylbenzene	11.34	91	786157	51.546	ug/l	99
79) 2-Chlorotoluene	11.40	91	484443	52.375	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	587802	52.705	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	67608	44.086	ug/l	97
82) 4-Chlorotoluene	11.49	91	564402	51.834	ug/l	99
83) tert-Butylbenzene	11.76	119	580822	53.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	596992	52.905	ug/l	100
85) sec-Butylbenzene	11.93	105	652042	50.798	ug/l	100
86) p-Isopropyltoluene	12.05	119	587992	50.454	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	310213	49.770	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	307223	47.852	ug/l	98
89) n-Butylbenzene	12.37	91	490619	46.567	ug/l	99
90) Hexachloroethane	12.58	117	99821	51.187	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	310996	49.679	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49445	50.978	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	193028	48.028	ug/l	97

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QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	77962	42.582	ug/l	96
95) Naphthalene	13.82	128	675912	47.783	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	202960	50.486	ug/l	98

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

