

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017347.D
 Acq On : 13 Jul 2020 10:16
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:35:43 AM

Quant Time: Jul 14 03:00:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 13 11:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	296249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2153	0.757	ug/l	98
3) Chloromethane	1.32	50	3128	0.926	ug/l	99
4) Vinyl Chloride	1.40	62	2757	0.868	ug/l	99
6) Chloroethane	1.72	64	1863	0.984	ug/l	89
7) Trichlorofluoromethane	1.92	101	4614	0.959	ug/l	89
8) Diethyl Ether	2.17	74	1969	1.133	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2951	1.041	ug/l	98
12) 1,1-Dichloroethene	2.36	96	3022	1.044	ug/l	91
14) Allyl chloride	2.70	41	5035	0.946	ug/l	95
15) Acrylonitrile	3.12	53	7570	4.576	ug/l #	93
16) Acetone	2.42	43	8048	5.932	ug/l	98
17) Carbon Disulfide	2.56	76	8585	0.967	ug/l	98
18) Methyl Acetate	2.75	43	3781	1.077	ug/l	91
19) Methyl tert-butyl Ether	3.17	73	8951	0.917	ug/l	98
20) Methylene Chloride	2.83	84	4166	1.209	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	3474	1.075	ug/l	88
22) Diisopropyl ether	3.82	45	8847	0.899	ug/l #	95
23) Vinyl Acetate	3.79	43	35621	4.196	ug/l	100
24) 1,1-Dichloroethane	3.67	63	5519	0.981	ug/l	95
25) 2-Butanone	4.64	43	10847	4.832	ug/l	93
26) 2,2-Dichloropropane	4.54	77	5169	1.024	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	3790	1.041	ug/l	94
28) Bromochloromethane	4.97	49	2484	0.911	ug/l #	98
29) Tetrahydrofuran	5.09	42	7119	4.821	ug/l	96
30) Chloroform	5.17	83	6108	1.051	ug/l #	72
32) 1,1,1-Trichloroethane	5.47	97	5382	1.001	ug/l #	47
36) 1,1-Dichloropropene	5.77	75	4347	1.014	ug/l #	88
37) Ethyl Acetate	4.80	43	4893	1.132	ug/l #	83
38) Carbon Tetrachloride	5.75	117	5132	1.076	ug/l #	92
39) Methylcyclohexane	7.44	83	4501	0.949	ug/l	89
40) Benzene	6.12	78	12356	0.984	ug/l	99
41) Methacrylonitrile	5.01	41	2292m	0.942	ug/l	
42) 1,2-Dichloroethane	6.16	62	4782	1.043	ug/l	96
43) Isopropyl Acetate	6.41	43	6981	0.970	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	3761	0.988	ug/l	86
45) 1,2-Dichloropropane	7.49	63	3213	0.997	ug/l	98
46) Dibromomethane	7.64	93	2163	0.977	ug/l	91
47) Bromodichloromethane	7.87	83	4465	0.976	ug/l #	91
48) Methyl methacrylate	7.75	41	2938	0.860	ug/l	91
49) 1,4-Dioxane	7.72	88	1233	16.086	ug/l #	63
51) 4-Methyl-2-Pentanone	8.62	43	18629	4.334	ug/l	100
52) Toluene	8.76	92	7299	0.927	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	4373	0.867	ug/l #	88
54) cis-1,3-Dichloropropene	8.42	75	5110	0.947	ug/l	90
55) 1,1,2-Trichloroethane	9.20	97	3116	0.964	ug/l	95
56) Ethyl methacrylate	9.16	69	3693	0.806	ug/l #	87
57) 1,3-Dichloropropane	9.35	76	5304	0.973	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.29	63	8787	3.837	ug/l	98
59) 2-Hexanone	9.48	43	13891	4.400	ug/l	90
60) Dibromochloromethane	9.57	129	3521	0.931	ug/l	94
61) 1,2-Dibromoethane	9.65	107	3206	0.922	ug/l	97
64) Tetrachloroethene	9.32	164	4134	1.191	ug/l	98
65) Chlorobenzene	10.12	112	9288	1.061	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.20	131	3509	1.033	ug/l #	67
67) Ethyl Benzene	10.23	91	13556	0.929	ug/l	96
68) m/p-Xylenes	10.34	106	9379	1.674	ug/l	96
69) o-Xylene	10.68	106	4641	0.868	ug/l	97
70) Styrene	10.70	104	7118	0.783	ug/l	95
71) Bromoform	10.84	173	2606	0.960	ug/l #	96
73) Isopropylbenzene	11.00	105	11926	0.857	ug/l	99
74) N-amyl acetate	10.88	43	4353	0.742	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	3976	0.914	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	3633m	0.875	ug/l	
77) Bromobenzene	11.24	156	3944	1.023	ug/l	95
78) n-propylbenzene	11.34	91	12706	0.807	ug/l	99
79) 2-Chlorotoluene	11.40	91	8485	0.891	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	9887	0.856	ug/l	97
82) 4-Chlorotoluene	11.49	91	9909	0.869	ug/l	99
83) tert-Butylbenzene	11.76	119	9590	0.845	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	9306	0.792	ug/l	99
85) sec-Butylbenzene	11.93	105	10897	0.817	ug/l	100
86) p-Isopropyltoluene	12.05	119	10111	0.816	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	7166	1.022	ug/l	94
88) 1,4-Dichlorobenzene	12.08	146	7233m	1.011	ug/l	
89) n-Butylbenzene	12.37	91	9494	0.861	ug/l	97
90) Hexachloroethane	12.58	117	2015	0.826	ug/l	85
91) 1,2-Dichlorobenzene	12.38	146	6387	0.980	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1318	1.254	ug/l	75
93) 1,2,4-Trichlorobenzene	13.63	180	4413	0.988	ug/l	97
94) Hexachlorobutadiene	13.77	225	1760	0.964	ug/l	91
95) Naphthalene	13.82	128	10740	0.800	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	3967	0.920	ug/l	96

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

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