

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018457.D
 Acq On : 17 Sep 2020 09:48
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:33 PM

Quant Time: Sep 17 12:00:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	643252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1012869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	938836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	471316	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	5851	0.779	ug/l	98
3) Chloromethane	1.31	50	7587	0.944	ug/l	90
4) Vinyl Chloride	1.39	62	8253	1.022	ug/l	98
6) Chloroethane	1.71	64	4487	1.024	ug/l #	88
7) Trichlorofluoromethane	1.92	101	12496	1.117	ug/l	99
8) Diethyl Ether	2.17	74	4730	1.244	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7008	1.154	ug/l	96
12) 1,1-Dichloroethene	2.36	96	7066	1.126	ug/l	93
14) Allyl chloride	2.71	41	13469	1.188	ug/l	98
15) Acrylonitrile	3.11	53	18178	4.630	ug/l	84
16) Acetone	2.42	43	21051	6.037	ug/l	100
17) Carbon Disulfide	2.55	76	21145	1.111	ug/l	98
18) Methyl Acetate	2.75	43	9176	1.089	ug/l	91
19) Methyl tert-butyl Ether	3.16	73	20963	0.971	ug/l	100
20) Methylene Chloride	2.84	84	9730	1.240	ug/l #	82
21) trans-1,2-Dichloroethene	3.14	96	8205	1.174	ug/l #	77
22) Diisopropyl ether	3.82	45	22700	1.018	ug/l #	85
23) Vinyl Acetate	3.78	43	96459	4.864	ug/l	98
24) 1,1-Dichloroethane	3.67	63	14711	1.162	ug/l #	96
25) 2-Butanone	4.64	43	26426	4.654	ug/l #	87
26) 2,2-Dichloropropane	4.55	77	14567	1.381	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	9204	1.144	ug/l	95
28) Bromochloromethane	4.97	49	6022	0.981	ug/l	98
29) Tetrahydrofuran	5.10	42	15972	4.431	ug/l	92
30) Chloroform	5.17	83	14012	1.068	ug/l	91
32) 1,1,1-Trichloroethane	5.47	97	13197	1.090	ug/l #	49
36) 1,1-Dichloropropene	5.77	75	10900	1.161	ug/l	94
37) Ethyl Acetate	4.79	43	10808	0.998	ug/l #	84
38) Carbon Tetrachloride	5.75	117	10678	1.007	ug/l #	94
39) Methylcyclohexane	7.44	83	12133	1.177	ug/l	96
40) Benzene	6.10	78	30459	1.106	ug/l	98
41) Methacrylonitrile	5.01	41	6467	1.089	ug/l #	84
42) 1,2-Dichloroethane	6.16	62	11714	1.107	ug/l	84
43) Isopropyl Acetate	6.42	43	17789	1.017	ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	9167	1.175	ug/l	84
45) 1,2-Dichloropropane	7.48	63	9001	1.217	ug/l	100
46) Dibromomethane	7.65	93	6225	1.191	ug/l	97
47) Bromodichloromethane	7.87	83	11130	1.070	ug/l	99
48) Methyl methacrylate	7.74	41	8068	0.927	ug/l	100
49) 1,4-Dioxane	7.73	88	3234	21.214	ug/l #	84
51) 4-Methyl-2-Pentanone	8.62	43	48948	4.557	ug/l	98
52) Toluene	8.77	92	18899	1.087	ug/l	90
53) t-1,3-Dichloropropene	9.02	75	12851	1.112	ug/l	89
54) cis-1,3-Dichloropropene	8.42	75	12681	1.035	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	7647	1.033	ug/l	95
56) Ethyl methacrylate	9.16	69	10179	0.923	ug/l #	90
57) 1,3-Dichloropropane	9.35	76	13092	1.071	ug/l #	84
58) 2-Chloroethyl Vinyl ether	8.29	63	27076	5.287	ug/l	98
59) 2-Hexanone	9.47	43	36796	4.510	ug/l	94
60) Dibromochloromethane	9.56	129	9101	1.046	ug/l	97
61) 1,2-Dibromoethane	9.65	107	8104	1.009	ug/l	90
64) Tetrachloroethene	9.32	164	8938	1.289	ug/l	94
65) Chlorobenzene	10.12	112	20587	1.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	8576	1.156	ug/l #	65
67) Ethyl Benzene	10.23	91	33501	1.045	ug/l	95
68) m/p-Xylenes	10.34	106	26109	2.189	ug/l	91
69) o-Xylene	10.68	106	11970	1.033	ug/l	95
70) Styrene	10.70	104	19469	0.984	ug/l	97
71) Bromoform	10.84	173	6945	1.098	ug/l #	88
73) Isopropylbenzene	11.00	105	30856	0.996	ug/l	100
74) N-amyl acetate	10.88	43	13951	0.959	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	10979	1.007	ug/l	90
76) 1,2,3-Trichloropropane	11.28	75	10876m	1.045	ug/l	
77) Bromobenzene	11.24	156	9444	1.099	ug/l	97
78) n-propylbenzene	11.34	91	35657	1.007	ug/l	99
79) 2-Chlorotoluene	11.40	91	22708	1.042	ug/l	91
80) 1,3,5-Trimethylbenzene	11.49	105	24663	0.965	ug/l	95
82) 4-Chlorotoluene	11.49	91	25408	0.980	ug/l	91
83) tert-Butylbenzene	11.76	119	25072	0.992	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	25176	0.963	ug/l	99
85) sec-Butylbenzene	11.93	105	28911	1.003	ug/l	99
86) p-Isopropyltoluene	12.05	119	25789	0.973	ug/l	87
87) 1,3-Dichlorobenzene	12.01	146	16273	1.073	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	18492m	1.217	ug/l	
89) n-Butylbenzene	12.37	91	26589	1.093	ug/l	97
90) Hexachloroethane	12.59	117	6209	1.192	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	15810	1.115	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2554	0.935	ug/l	86
93) 1,2,4-Trichlorobenzene	13.63	180	10660	1.122	ug/l	91
94) Hexachlorobutadiene	13.77	225	4507	1.183	ug/l	87
95) Naphthalene	13.82	128	27168	0.874	ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	10101	1.072	ug/l	94

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

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