

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016420.D
 Acq On : 26 May 2020 12:20
 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
 5/27/2020 12:27:03 PM

Quant Time: May 26 17:53:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	121227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	205112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	192341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	86206	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	1036	0.842	ug/l	95
3) Chloromethane	1.31	50	1648	1.135	ug/l #	87
4) Vinyl Chloride	1.39	62	2076	1.296	ug/l	91
6) Chloroethane	1.71	64	1717	1.727	ug/l #	77
7) Trichlorofluoromethane	1.92	101	3182	1.461	ug/l	95
8) Diethyl Ether	2.17	74	1516	1.664	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1558	1.309	ug/l	96
12) 1,1-Dichloroethene	2.35	96	2043	1.642	ug/l	91
14) Allyl chloride	2.71	41	2411	1.073	ug/l	97
15) Acrylonitrile	3.12	53	4172	5.084	ug/l #	93
16) Acetone	2.42	43	5039	7.212	ug/l	97
17) Carbon Disulfide	2.55	76	4384	1.036	ug/l	95
18) Methyl Acetate	2.75	43	2168	1.263	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	4652	1.078	ug/l	95
20) Methylene Chloride	2.84	84	1824	1.254	ug/l #	89
21) trans-1,2-Dichloroethene	3.15	96	1694	1.204	ug/l	86
22) Diisopropyl ether	3.82	45	4444	1.033	ug/l #	77
23) Vinyl Acetate	3.78	43	17535	4.639	ug/l	100
24) 1,1-Dichloroethane	3.67	63	2778	1.146	ug/l	96
25) 2-Butanone	4.64	43	5206	4.619	ug/l	99
26) 2,2-Dichloropropane	4.56	77	2642m	1.191	ug/l	
27) cis-1,2-Dichloroethene	4.57	96	1882	1.220	ug/l	91
28) Bromochloromethane	4.98	49	1812	1.632	ug/l #	65
29) Tetrahydrofuran	5.10	42	4400	5.899	ug/l #	75
30) Chloroform	5.18	83	2750	1.129	ug/l #	78
32) 1,1,1-Trichloroethane	5.46	97	2861	1.288	ug/l #	47
36) 1,1-Dichloropropene	5.78	75	2231	1.112	ug/l #	40
37) Ethyl Acetate	4.79	43	2507	1.095	ug/l	95
38) Carbon Tetrachloride	5.75	117	2274	1.110	ug/l #	76
39) Methylcyclohexane	7.44	83	2417	1.018	ug/l #	80
40) Benzene	6.11	78	6053	1.030	ug/l	96
41) Methacrylonitrile	4.99	41	398m	0.322	ug/l	
42) 1,2-Dichloroethane	6.15	62	2778	1.313	ug/l	89
43) Isopropyl Acetate	6.42	43	3899	1.065	ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	2346	1.129	ug/l	94
45) 1,2-Dichloropropane	7.48	63	1705	1.154	ug/l	90
46) Dibromomethane	7.64	93	1146	1.122	ug/l	91
47) Bromodichloromethane	7.88	83	2378	1.153	ug/l	89
48) Methyl methacrylate	7.75	41	2142	1.241	ug/l #	77
49) 1,4-Dioxane	7.73	88	934	22.233	ug/l #	70
51) 4-Methyl-2-Pentanone	8.62	43	10279	4.581	ug/l	99
52) Toluene	8.76	92	3469	0.942	ug/l	90
53) t-1,3-Dichloropropene	9.02	75	2515	1.026	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	2450	0.961	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	1628	1.119	ug/l #	86
56) Ethyl methacrylate	9.16	69	2176	0.931	ug/l #	85
57) 1,3-Dichloropropane	9.35	76	2693	1.069	ug/l #	75
58) 2-Chloroethyl Vinyl ether	8.29	63	5736	4.619	ug/l	93
59) 2-Hexanone	9.47	43	7850	4.451	ug/l	96
60) Dibromochloromethane	9.56	129	1663	1.032	ug/l	95
61) 1,2-Dibromoethane	9.65	107	1489	0.943	ug/l	93
64) Tetrachloroethene	9.32	164	2248	0.964	ug/l	91
65) Chlorobenzene	10.12	112	4123	1.026	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.20	131	1349	0.906	ug/l #	58
67) Ethyl Benzene	10.24	91	6620	0.929	ug/l	89
68) m/p-Xylenes	10.34	106	4775	1.784	ug/l	96
69) o-Xylene	10.68	106	2510	0.974	ug/l	89
70) Styrene	10.69	104	3412	0.783	ug/l #	90
71) Bromoform	10.84	173	865	0.712	ug/l #	82
73) Isopropylbenzene	11.00	105	6329	1.018	ug/l	96
74) N-amyl acetate	10.88	43	2956	1.037	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	1330	1.164	ug/l	92
76) 1,2,3-Trichloropropane	11.28	75	2063m	1.069	ug/l	
77) Bromobenzene	11.24	156	1488	0.921	ug/l	91
78) n-propylbenzene	11.35	91	7071	0.980	ug/l	96
79) 2-Chlorotoluene	11.40	91	4073	0.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	4434	0.845	ug/l	97
82) 4-Chlorotoluene	11.49	91	4823	0.956	ug/l	89
83) tert-Butylbenzene	11.75	119	4235	0.937	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	4546	0.859	ug/l	98
85) sec-Butylbenzene	11.93	105	5481	0.906	ug/l	100
86) p-Isopropyltoluene	12.05	119	4550	0.812	ug/l	89
87) 1,3-Dichlorobenzene	12.01	146	2619	0.907	ug/l	90
88) 1,4-Dichlorobenzene	12.08	146	3008m	1.026	ug/l	
89) n-Butylbenzene	12.37	91	4439	0.872	ug/l	92
90) Hexachloroethane	12.58	117	893	0.922	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	2476	0.886	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	637	1.252	ug/l	67
93) 1,2,4-Trichlorobenzene	13.63	180	1740	0.859	ug/l	92
94) Hexachlorobutadiene	13.76	225	664	0.733	ug/l	89
95) Naphthalene	13.82	128	5306	0.800	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1376	0.698	ug/l	84

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

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