

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022525.D
 Acq On : 07 Jun 2021 10:51
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:58:02 PM

Quant Time: Jun 07 12:34:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 12:33:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	51335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	109930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	701	1.119	ug/l	92
3) Chloromethane	1.294	50	917	1.354	ug/l	97
4) Vinyl Chloride	1.374	62	800	1.129	ug/l #	76
6) Chloroethane	1.679	64	540	1.275	ug/l #	67
7) Trichlorofluoromethane	1.886	101	1243	1.213	ug/l	84
8) Diethyl Ether	2.136	74	572	1.309	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	644	1.052	ug/l	87
12) 1,1-Dichloroethene	2.313	96	732	1.230	ug/l	82
14) Allyl chloride	2.660	41	1629	1.480	ug/l #	81
15) Acrylonitrile	3.075	53	2829	7.718	ug/l	95
16) Acetone	2.386	43	3076	8.676	ug/l	97
17) Carbon Disulfide	2.508	76	1903	1.237	ug/l #	83
18) Methyl Acetate	2.709	43	2034	2.132	ug/l #	79
19) Methyl tert-butyl Ether	3.117	73	2790	1.370	ug/l #	87
20) Methylene Chloride	2.794	84	1685	2.170	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	885	1.365	ug/l #	90
22) Diisopropyl ether	3.764	45	3053	1.437	ug/l #	84
23) Vinyl Acetate	3.733	43	12935	6.320	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	1535	1.236	ug/l #	81
25) 2-Butanone	4.562	43	4566	7.949	ug/l #	74
26) 2,2-Dichloropropane	4.477	77	1291	1.191	ug/l	85
27) cis-1,2-Dichloroethene	4.483	96	1044	1.331	ug/l	83
28) Bromochloromethane	4.898	49	795	1.317	ug/l #	85
29) Tetrahydrofuran	5.026	42	2868	8.357	ug/l #	78
30) Chloroform	5.111	83	1788	1.401	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	1228	1.132	ug/l #	48
36) 1,1-Dichloropropene	5.690	75	1162	1.133	ug/l #	87
37) Ethyl Acetate	4.733	43	1682	1.325	ug/l #	82
38) Carbon Tetrachloride	5.678	117	793	0.809	ug/l #	60
39) Methylcyclohexane	7.385	83	1280	1.104	ug/l	90
40) Benzene	6.044	78	3911	1.240	ug/l	96
41) Methacrylonitrile	4.928	41	999m	1.476	ug/l	
42) 1,2-Dichloroethane	6.105	62	1271	1.142	ug/l	87
43) Isopropyl Acetate	6.348	43	2725	1.316	ug/l #	87
44) Trichloroethene	7.129	130	1039	1.340	ug/l	90
45) 1,2-Dichloropropane	7.440	63	939	1.172	ug/l #	82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	650	1.202	ug/l #	80
47) Bromodichloromethane	7.818	83	987	0.921	ug/l #	97
48) Methyl methacrylate	7.702	41	1264	1.326	ug/l #	78
49) 1,4-Dioxane	7.665	88	421	22.635	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	8135	6.528	ug/l #	86
52) Toluene	8.720	92	2539	1.280	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	832	0.671	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	1256	0.938	ug/l #	76
55) 1,1,2-Trichloroethane	9.153	97	898	1.115	ug/l	94
56) Ethyl methacrylate	9.122	69	1389	1.068	ug/l #	76
57) 1,3-Dichloropropane	9.317	76	1855	1.340	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	4489	6.321	ug/l	98
59) 2-Hexanone	9.433	43	6259	6.665	ug/l	82
60) Dibromochloromethane	9.525	129	544	0.712	ug/l	95
61) 1,2-Dibromoethane	9.616	107	882	1.099	ug/l	92
64) Tetrachloroethene	9.269	164	774	1.188	ug/l #	79
65) Chlorobenzene	10.086	112	2524	1.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	646	0.914	ug/l #	61
67) Ethyl Benzene	10.195	91	4121	1.087	ug/l	98
68) m/p-Xylenes	10.305	106	3106	2.175	ug/l	93
69) o-Xylene	10.646	106	1582	1.140	ug/l	93
70) Styrene	10.659	104	2453	1.078	ug/l	93
71) Bromoform	10.799	173	321	0.676	ug/l #	97
73) Isopropylbenzene	10.963	105	3826	1.124	ug/l	95
74) N-amyl acetate	10.848	43	1892	1.151	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.220	83	1315	1.155	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	1437m	1.436	ug/l	
77) Bromobenzene	11.201	156	833	1.162	ug/l	71
78) n-propylbenzene	11.305	91	4465	1.120	ug/l	97
79) 2-Chlorotoluene	11.366	91	2906	1.204	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	3129	1.112	ug/l	97
82) 4-Chlorotoluene	11.457	91	3098	1.109	ug/l	93
83) tert-Butylbenzene	11.719	119	2639	0.983	ug/l	81
84) 1,2,4-Trimethylbenzene	11.750	105	3221	1.136	ug/l	95
85) sec-Butylbenzene	11.896	105	3659	1.069	ug/l	98
86) p-Isopropyltoluene	12.012	119	2930	1.015	ug/l	93
87) 1,3-Dichlorobenzene	11.975	146	1786	1.291	ug/l	87
88) 1,4-Dichlorobenzene	12.043	146	1920m	1.340	ug/l	
89) n-Butylbenzene	12.335	91	2785	1.038	ug/l	95
90) Hexachloroethane	12.542	117	336	0.724	ug/l #	45
91) 1,2-Dichlorobenzene	12.335	146	1781	1.340	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.939	75	218	0.903	ug/l #	37
93) 1,2,4-Trichlorobenzene	13.591	180	906	1.133	ug/l	98
94) Hexachlorobutadiene	13.725	225	321	1.041	ug/l	91
95) Naphthalene	13.780	128	3369	1.069	ug/l	97
96) 1,2,3-Trichlorobenzene	13.969	180	1004	1.241	ug/l	92

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

