

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
 Data File : VX021864.D
 Acq On : 07 May 2021 10:03
 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
 5/10/2021 2:22:37 PM

Quant Time: May 07 12:54:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 07 12:54:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	103160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	196219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	1523	1.12	ug/l	93
3) Chloromethane	1.295	50	1813	1.09	ug/l	90
4) Vinyl Chloride	1.374	62	2142	1.14	ug/l	98
6) Chloroethane	1.685	64	756	0.72	ug/l	92
7) Trichlorofluoromethane	1.886	101	2890	1.12	ug/l	95
8) Diethyl Ether	2.136	74	1333	1.25	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.337	101	1424	1.06	ug/l #	79
12) 1,1-Dichloroethene	2.319	96	1594	1.14	ug/l	84
14) Allyl chloride	2.666	41	2910	1.12	ug/l #	92
15) Acrylonitrile	3.075	53	4505	5.29	ug/l	98
16) Acetone	2.392	43	4343	5.64	ug/l #	86
17) Carbon Disulfide	2.514	76	4490	1.15	ug/l #	82
18) Methyl Acetate	2.709	43	2488	1.19	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	4771	1.06	ug/l	95
20) Methylene Chloride	2.794	84	2863	1.61	ug/l #	79
21) trans-1,2-Dichloroethene	3.093	96	1632	1.08	ug/l #	83
22) Diisopropyl ether	3.776	45	4974	1.03	ug/l #	90
23) Vinyl Acetate	3.733	43	23440	4.98	ug/l	99
24) 1,1-Dichloroethane	3.617	63	3040	1.11	ug/l #	92
25) 2-Butanone	4.568	43	7000	5.37	ug/l #	88
26) 2,2-Dichloropropane	4.489	77	2802	1.14	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	1952	1.11	ug/l	87
28) Bromochloromethane	4.910	49	1197	0.93	ug/l #	89
29) Tetrahydrofuran	5.026	42	3969	5.02	ug/l	93
30) Chloroform	5.099	83	2993	1.06	ug/l #	73
32) 1,1,1-Trichloroethane	5.397	97	2652	1.07	ug/l #	39
36) 1,1-Dichloropropene	5.708	75	2359	1.13	ug/l #	80
37) Ethyl Acetate	4.727	43	2403	0.90	ug/l #	74
38) Carbon Tetrachloride	5.684	117	2246	1.07	ug/l #	85
39) Methylcyclohexane	7.385	83	2577	1.08	ug/l #	88
40) Benzene	6.044	78	6392	1.00	ug/l #	89
41) Methacrylonitrile	4.928	41	1400m	1.03	ug/l	
42) 1,2-Dichloroethane	6.098	62	2252	1.04	ug/l	90
43) Isopropyl Acetate	6.342	43	4723	1.10	ug/l	93
44) Trichloroethene	7.123	130	1646	1.08	ug/l	61
45) 1,2-Dichloropropane	7.434	63	1757	1.08	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1257	1.14	ug/l #	83
47) Bromodichloromethane	7.824	83	2244	0.97	ug/l	94
48) Methyl methacrylate	7.702	41	1918	0.94	ug/l #	68
49) 1,4-Dioxane	7.677	88	890	21.54	ug/l #	80
51) 4-Methyl-2-Pentanone	8.580	43	13447	5.06	ug/l	91
52) Toluene	8.720	92	4112	1.02	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	2682	1.03	ug/l #	78
54) cis-1,3-Dichloropropene	8.366	75	2765	1.01	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	1631	1.01	ug/l #	81
56) Ethyl methacrylate	9.116	69	3115	1.11	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	2716	0.97	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.251	63	6930	5.04	ug/l	99
59) 2-Hexanone	9.433	43	10026	4.91	ug/l	89
60) Dibromochloromethane	9.525	129	1842	1.07	ug/l	88
61) 1,2-Dibromoethane	9.616	107	1693	1.00	ug/l	93
64) Tetrachloroethene	9.275	164	1252	1.12	ug/l	90
65) Chlorobenzene	10.086	112	4105	1.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	1624	1.10	ug/l #	63
67) Ethyl Benzene	10.195	91	7737	1.03	ug/l	98
68) m/p-Xylenes	10.305	106	5594	1.92	ug/l	97
69) o-Xylene	10.646	106	3009	1.05	ug/l	99
70) Styrene	10.659	104	4446	0.92	ug/l	92
71) Bromoform	10.805	173	1061	0.92	ug/l #	92
73) Isopropylbenzene	10.963	105	7101	1.04	ug/l	97
74) N-amyl acetate	10.848	43	4149	1.15	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.220	83	2884	1.16	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	2418m	1.14	ug/l	
77) Bromobenzene	11.201	156	1620	1.12	ug/l	82
78) n-propylbenzene	11.305	91	8363	1.04	ug/l	98
79) 2-Chlorotoluene	11.366	91	5265	1.09	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	6190	1.06	ug/l	96
82) 4-Chlorotoluene	11.457	91	6021	1.08	ug/l	98
83) tert-Butylbenzene	11.719	119	6003	1.06	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	6139	1.05	ug/l	97
85) sec-Butylbenzene	11.890	105	7244	1.04	ug/l	97
86) p-Isopropyltoluene	12.012	119	6261	1.06	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	2862	1.03	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	3176m	1.14	ug/l	
89) n-Butylbenzene	12.335	91	5746	1.06	ug/l	93
90) Hexachloroethane	12.549	117	1103	1.04	ug/l	86
91) 1,2-Dichlorobenzene	12.341	146	2660	0.96	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	12.951	75	773	1.34	ug/l	64
93) 1,2,4-Trichlorobenzene	13.591	180	1783	1.11	ug/l	99
94) Hexachlorobutadiene	13.725	225	639	0.95	ug/l	93
95) Naphthalene	13.780	128	6604	0.98	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	1818	1.10	ug/l	92

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

