

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022079.D
 Acq On : 19 May 2021 11:01
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:49:51 PM

Quant Time: May 19 12:46:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 12:45:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	108714	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	208206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78498	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	1232	0.87	ug/l	97
3) Chloromethane	1.295	50	1371	0.81	ug/l	# 88
4) Vinyl Chloride	1.380	62	1347	0.70	ug/l	# 88
6) Chloroethane	1.691	64	979	0.97	ug/l	94
7) Trichlorofluoromethane	1.892	101	1963	0.74	ug/l	83
8) Diethyl Ether	2.136	74	909	0.81	ug/l	# 52
9) 1,1,2-Trichlorotrifluo...	2.331	101	1201	0.86	ug/l	91
12) 1,1-Dichloroethene	2.319	96	1128	0.78	ug/l	98
14) Allyl chloride	2.672	41	2115	0.80	ug/l	88
15) Acrylonitrile	3.075	53	3277	3.72	ug/l	100
16) Acetone	2.392	43	4056	5.12	ug/l	# 80
17) Carbon Disulfide	2.514	76	3361	0.85	ug/l	# 93
18) Methyl Acetate	2.715	43	2087	0.95	ug/l	# 84
19) Methyl tert-butyl Ether	3.117	73	3890	0.83	ug/l	# 88
20) Methylene Chloride	2.788	84	1982	1.05	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	1161	0.75	ug/l	# 68
22) Diisopropyl ether	3.770	45	3789	0.76	ug/l	# 92
23) Vinyl Acetate	3.727	43	17535	3.61	ug/l	98
24) 1,1-Dichloroethane	3.617	63	2414	0.84	ug/l	# 90
25) 2-Butanone	4.574	43	5292	3.91	ug/l	95
26) 2,2-Dichloropropane	4.483	77	2178	0.85	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	1393	0.76	ug/l	96
28) Bromochloromethane	4.910	49	1298	0.99	ug/l	# 79
29) Tetrahydrofuran	5.019	42	3361	4.19	ug/l	92
30) Chloroform	5.105	83	2495	0.85	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	2053m	0.80	ug/l	
36) 1,1-Dichloropropene	5.684	75	1744	0.80	ug/l	94
37) Ethyl Acetate	4.721	43	2272	0.87	ug/l	# 86
38) Carbon Tetrachloride	5.678	117	1583	0.73	ug/l	# 81
39) Methylcyclohexane	7.385	83	2188	0.90	ug/l	97
40) Benzene	6.038	78	5539	0.84	ug/l	97
41) Methacrylonitrile	4.934	41	1311	0.92	ug/l	# 24
42) 1,2-Dichloroethane	6.099	62	1873	0.83	ug/l	93
43) Isopropyl Acetate	6.348	43	3489	0.79	ug/l	# 92
44) Trichloroethene	7.129	130	1344	0.84	ug/l	72
45) 1,2-Dichloropropane	7.440	63	1188	0.69	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	874	0.75	ug/l	93
47) Bromodichloromethane	7.818	83	1741	0.74	ug/l #	86
48) Methyl methacrylate	7.702	41	1591	0.78	ug/l	88
49) 1,4-Dioxane	7.684	88	628	14.73	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	10004	3.64	ug/l	90
52) Toluene	8.720	92	3474	0.83	ug/l	89
53) t-1,3-Dichloropropene	8.982	75	1948	0.71	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	2295	0.80	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	1348	0.80	ug/l #	90
56) Ethyl methacrylate	9.122	69	2154	0.73	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	2231	0.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	6979	4.86	ug/l	99
59) 2-Hexanone	9.433	43	7451	3.54	ug/l	91
60) Dibromochloromethane	9.519	129	1205	0.67	ug/l	94
61) 1,2-Dibromoethane	9.610	107	1145	0.66	ug/l	92
64) Tetrachloroethene	9.281	164	1084	0.90	ug/l #	83
65) Chlorobenzene	10.079	112	3535	0.84	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1097	0.71	ug/l #	67
67) Ethyl Benzene	10.195	91	6557	0.85	ug/l	98
68) m/p-Xylenes	10.305	106	4897	1.66	ug/l	99
69) o-Xylene	10.646	106	2399	0.81	ug/l	92
70) Styrene	10.659	104	3332	0.68	ug/l	98
71) Bromoform	10.805	173	652	0.56	ug/l #	92
73) Isopropylbenzene	10.970	105	5833	0.83	ug/l	100
74) N-amyl acetate	10.848	43	2578	0.69	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	1987	0.77	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	1767m	0.80	ug/l	
77) Bromobenzene	11.201	156	1239	0.82	ug/l	84
78) n-propylbenzene	11.305	91	6654	0.80	ug/l	98
79) 2-Chlorotoluene	11.366	91	4667	0.93	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	4807	0.80	ug/l	100
82) 4-Chlorotoluene	11.457	91	5063	0.87	ug/l	97
83) tert-Butylbenzene	11.719	119	4792	0.82	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	4564	0.76	ug/l	94
85) sec-Butylbenzene	11.890	105	5654	0.79	ug/l	98
86) p-Isopropyltoluene	12.012	119	4879	0.80	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	2412	0.84	ug/l	90
88) 1,4-Dichlorobenzene	12.043	146	2873m	0.97	ug/l	
89) n-Butylbenzene	12.335	91	4153	0.74	ug/l	99
90) Hexachloroethane	12.542	117	756	0.69	ug/l	78
91) 1,2-Dichlorobenzene	12.341	146	2354	0.84	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	12.951	75	397	0.64	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	1364	0.80	ug/l	89
94) Hexachlorobutadiene	13.731	225	611	0.92	ug/l	94
95) Naphthalene	13.780	128	4905	0.71	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	1363	0.79	ug/l	94

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

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