

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022526.D
 Acq On : 07 Jun 2021 11:19
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:58:04 PM

Quant Time: Jun 07 12:34:53 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	73356	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	146398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	6915	5.937	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	11.880%#
35) Dibromofluoromethane	5.391	113	4702	5.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.080%#
50) Toluene-d8	8.653	98	19236	5.321	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.640%#
62) 4-Bromofluorobenzene	11.085	95	6993	5.274	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.540%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	4135	4.621	ug/l	90
3) Chloromethane	1.295	50	5131	5.302	ug/l	99
4) Vinyl Chloride	1.374	62	5185	5.120	ug/l	98
5) Bromomethane	1.599	94	2744	4.678	ug/l	84
6) Chloroethane	1.679	64	3234	5.342	ug/l	91
7) Trichlorofluoromethane	1.880	101	7441	5.080	ug/l	99
8) Diethyl Ether	2.136	74	3080	4.932	ug/l	69
9) 1,1,2-Trichlorotrifluo...	2.331	101	4677	5.345	ug/l	89
10) Methyl Iodide	2.453	142	4556	4.784	ug/l	92
11) Tert butyl alcohol	2.977	59	7153	26.995	ug/l	98
12) 1,1-Dichloroethene	2.319	96	4725	5.556	ug/l	96
13) Acrolein	2.240	56	4719	28.493	ug/l	92
14) Allyl chloride	2.666	41	7511	4.776	ug/l	# 84
15) Acrylonitrile	3.075	53	15058	28.749	ug/l	98
16) Acetone	2.386	43	13983	27.600	ug/l	99
17) Carbon Disulfide	2.508	76	9293	4.227	ug/l	98
18) Methyl Acetate	2.709	43	7583	5.561	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	15337	5.270	ug/l	99
20) Methylene Chloride	2.788	84	6261	5.643	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	5109	5.515	ug/l	94
22) Diisopropyl ether	3.770	45	16951	5.583	ug/l	95
23) Vinyl Acetate	3.727	43	75271	25.738	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	9334	5.260	ug/l	97
25) 2-Butanone	4.574	43	23388	28.495	ug/l	91
26) 2,2-Dichloropropane	4.477	77	7418	4.788	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	6202	5.533	ug/l	98
28) Bromochloromethane	4.910	49	4914	5.699	ug/l	# 78
29) Tetrahydrofuran	5.019	42	13489	27.508	ug/l	91
30) Chloroform	5.105	83	9540	5.230	ug/l	91
31) Cyclohexane	5.477	56	7923	5.428	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	7448	4.804	ug/l	97
36) 1,1-Dichloropropene	5.696	75	6999	5.122	ug/l	# 67
37) Ethyl Acetate	4.727	43	9086	5.373	ug/l	# 93
38) Carbon Tetrachloride	5.678	117	5902	4.523	ug/l	# 83
39) Methylcyclohexane	7.385	83	8318	5.387	ug/l	96
40) Benzene	6.044	78	22593	5.380	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	5008	5.554	ug/l	88
42) 1,2-Dichloroethane	6.099	62	8039	5.425	ug/l	96
43) Isopropyl Acetate	6.349	43	14742	5.347	ug/l #	91
44) Trichloroethene	7.129	130	5220	5.053	ug/l	92
45) 1,2-Dichloropropane	7.434	63	5705	5.348	ug/l	99
46) Dibromomethane	7.580	93	3915	5.436	ug/l #	79
47) Bromodichloromethane	7.824	83	5962	4.179	ug/l	95
48) Methyl methacrylate	7.696	41	6600	5.200	ug/l	84
49) 1,4-Dioxane	7.665	88	2701	109.047	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	44450	26.786	ug/l	91
52) Toluene	8.720	92	13747	5.204	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	6386	3.865	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	7721	4.329	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	5446	5.078	ug/l	93
56) Ethyl methacrylate	9.122	69	7832	4.523	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	9554	5.181	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	22776	24.081	ug/l	96
59) 2-Hexanone	9.433	43	33831	27.052	ug/l	88
60) Dibromochloromethane	9.525	129	3706	3.642	ug/l	98
61) 1,2-Dibromoethane	9.616	107	5106	4.777	ug/l	96
64) Tetrachloroethene	9.275	164	4589	5.261	ug/l #	84
65) Chlorobenzene	10.080	112	13725	4.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	3959	4.187	ug/l	96
67) Ethyl Benzene	10.195	91	26530	5.228	ug/l	93
68) m/p-Xylenes	10.305	106	18620	9.744	ug/l	93
69) o-Xylene	10.647	106	9530	5.131	ug/l	93
70) Styrene	10.659	104	15374	5.050	ug/l	99
71) Bromoform	10.805	173	1860	2.927	ug/l #	94
73) Isopropylbenzene	10.964	105	24246	5.123	ug/l	98
74) N-amyl acetate	10.848	43	11331	4.958	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	8480	5.356	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	7359m	5.286	ug/l	
77) Bromobenzene	11.201	156	5103	5.119	ug/l	85
78) n-propylbenzene	11.305	91	28795	5.193	ug/l	98
79) 2-Chlorotoluene	11.366	91	17804	5.306	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	20196	5.160	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	1693	2.992	ug/l #	69
82) 4-Chlorotoluene	11.457	91	20083	5.171	ug/l	96
83) tert-Butylbenzene	11.720	119	18564	4.972	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	20511	5.200	ug/l	97
85) sec-Butylbenzene	11.896	105	24448	5.134	ug/l	97
86) p-Isopropyltoluene	12.012	119	19544	4.867	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	9894	5.141	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	9984	5.012	ug/l	89
89) n-Butylbenzene	12.335	91	18299	4.905	ug/l	96
90) Hexachloroethane	12.543	117	2324	3.599	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	9706	5.250	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1311	3.905	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	5218	4.692	ug/l	94
94) Hexachlorobutadiene	13.731	225	2014	4.697	ug/l	94
95) Naphthalene	13.780	128	20655	4.714	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	5154	4.582	ug/l	96

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

