

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049396.D
 Acq On : 27 Jun 2022 10:35
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 12:57:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 12:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	162109	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	275244	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	253147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	112395	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	1.385	85	2413	0.875	ug/l	96
3) Chloromethane	1.520	50	5277	1.669	ug/l	92
4) Vinyl Chloride	1.604	62	3100	1.139	ug/l	91
6) Chloroethane	1.932	64	2075	1.933	ug/l	99
7) Trichlorofluoromethane	2.134	101	3732	1.100	ug/l	98
8) Diethyl Ether	2.376	74	1443	1.241	ug/l	59
9) 1,1,2-Trichlorotrifluo...	2.578	101	1860	1.002	ug/l #	93
12) 1,1-Dichloroethene	2.581	96	1727	0.986	ug/l #	64
14) Allyl chloride	2.925	41	3905	1.106	ug/l #	88
15) Acrylonitrile	3.324	53	7538	5.467	ug/l	91
16) Acetone	2.633	43	8027	7.050	ug/l	92
17) Carbon Disulfide	2.794	76	6878	1.310	ug/l	98
18) Methyl Acetate	2.954	43	3897	1.205	ug/l #	79
19) Methyl tert-butyl Ether	3.369	73	6985	1.074	ug/l #	89
20) Methylene Chloride	3.048	84	2740	1.306	ug/l #	77
21) trans-1,2-Dichloroethene	3.356	96	2169	1.145	ug/l #	84
22) Diisopropyl ether	3.993	45	7214	1.054	ug/l #	70
23) Vinyl Acetate	3.964	43	29432	4.854	ug/l	94
24) 1,1-Dichloroethane	3.874	63	4383	1.130	ug/l #	82
25) 2-Butanone	4.720	43	10753	6.002	ug/l #	87
26) 2,2-Dichloropropane	4.671	77	3554	1.090	ug/l	87
27) cis-1,2-Dichloroethene	4.671	96	2511	1.152	ug/l	93
28) Bromochloromethane	4.980	49	1700	0.974	ug/l #	66
29) Tetrahydrofuran	5.060	42	7234	5.846	ug/l #	83
30) Chloroform	5.089	83	4076	1.073	ug/l	88
32) 1,1,1-Trichloroethane	5.321	97	3732	1.078	ug/l #	49
36) 1,1-Dichloropropene	5.527	75	2989	1.058	ug/l	88
37) Ethyl Acetate	4.813	43	4401	1.064	ug/l #	81
38) Carbon Tetrachloride	5.527	117	3275	1.088	ug/l #	91
39) Methylcyclohexane	6.768	83	3356	0.944	ug/l	93
40) Benzene	5.777	78	9147	1.082	ug/l	99
41) Methacrylonitrile	4.983	41	2221	1.184	ug/l #	65
42) 1,2-Dichloroethane	5.797	62	3535	1.110	ug/l	93
43) Isopropyl Acetate	5.916	43	5895	1.063	ug/l #	91
44) Trichloroethene	6.543	130	2312	1.156	ug/l	85
45) 1,2-Dichloropropane	6.793	63	2669	1.157	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.922	93	1721	1.087	ug/l	91
47) Bromodichloromethane	7.105	83	3328	1.095	ug/l	94
48) Methyl methacrylate	6.967	41	2818	1.067	ug/l	85
49) 1,4-Dioxane	6.983	88	1496	23.787	ug/l #	94
51) 4-Methyl-2-Pentanone	7.793	43	21510	5.713	ug/l	89
52) Toluene	7.970	92	5571	1.109	ug/l	97
53) t-1,3-Dichloropropene	8.215	75	3439	1.034	ug/l	95
54) cis-1,3-Dichloropropene	7.613	75	3497	0.979	ug/l #	90
55) 1,1,2-Trichloroethane	8.404	97	2132	1.001	ug/l	97
56) Ethyl methacrylate	8.337	69	3134	0.855	ug/l #	78
57) 1,3-Dichloropropane	8.575	76	3683	0.991	ug/l	93
59) 2-Hexanone	8.687	43	17373	5.979	ug/l	95
60) Dibromochloromethane	8.813	129	2409	1.055	ug/l	99
61) 1,2-Dibromoethane	8.928	107	2498	1.109	ug/l	97
64) Tetrachloroethene	8.552	164	1792	1.111	ug/l	93
65) Chlorobenzene	9.449	112	5664	1.106	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	9.539	131	2091	1.046	ug/l #	64
67) Ethyl Benzene	9.571	91	9933	1.037	ug/l	97
68) m/p-Xylenes	9.697	106	7048	1.985	ug/l	85
69) o-Xylene	10.102	106	3383	0.952	ug/l	88
70) Styrene	10.115	104	5626	0.952	ug/l	96
71) Bromoform	10.295	173	1628	0.930	ug/l #	98
73) Isopropylbenzene	10.485	105	9505	1.125	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	3963	1.167	ug/l	94
76) 1,2,3-Trichloropropane	10.822	75	4589	1.194	ug/l	97
77) Bromobenzene	10.787	156	2214	1.129	ug/l	80
78) n-propylbenzene	10.906	91	10920	1.069	ug/l	95
79) 2-Chlorotoluene	10.989	91	6869	1.115	ug/l	92
80) 1,3,5-Trimethylbenzene	11.089	105	7721	1.052	ug/l	86
82) 4-Chlorotoluene	11.099	91	8018	1.148	ug/l	94
83) tert-Butylbenzene	11.420	119	7922	1.089	ug/l	92
84) 1,2,4-Trimethylbenzene	11.468	105	7619	1.040	ug/l	95
85) sec-Butylbenzene	11.645	105	9002	0.977	ug/l	99
86) p-Isopropyltoluene	11.793	119	8393	1.127	ug/l	90
87) 1,3-Dichlorobenzene	11.748	146	4707	1.272	ug/l	94
88) 1,4-Dichlorobenzene	11.838	146	5114m	1.411	ug/l	
89) n-Butylbenzene	12.211	91	9975	1.542	ug/l	93
90) Hexachloroethane	12.475	117	1406	0.972	ug/l	80
91) 1,2-Dichlorobenzene	12.218	146	5195	1.390	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	13.002	75	1079	1.258	ug/l	69
93) 1,2,4-Trichlorobenzene	13.841	180	4573	1.930	ug/l	99
94) Hexachlorobutadiene	14.021	225	1710	1.425	ug/l	97
95) Naphthalene	14.089	128	25494	3.106	ug/l	98
96) 1,2,3-Trichlorobenzene	14.330	180	5666	2.263	ug/l	92

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

