

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033022\
 Data File : VU047758.D
 Acq On : 30 Mar 2022 10:50
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 31 02:25:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 02:19:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	275100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	410956	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	403958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	211192	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	1.388	85	2603	0.773	ug/l	100
3) Chloromethane	1.526	50	3449	0.888	ug/l	98
4) Vinyl Chloride	1.610	62	2966	0.791	ug/l	98
6) Chloroethane	1.941	64	2113	0.858	ug/l	91
7) Trichlorofluoromethane	2.144	101	4529	0.899	ug/l	92
8) Diethyl Ether	2.385	74	1862	0.930	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.587	101	2739	0.921	ug/l	96
12) 1,1-Dichloroethene	2.587	96	2686	0.921	ug/l	99
14) Allyl chloride	2.928	41	3682	0.729	ug/l #	94
15) Acrylonitrile	3.340	53	9812	4.560	ug/l	98
16) Acetone	2.668	43	12459	5.894	ug/l	91
17) Carbon Disulfide	2.800	76	7983	0.991	ug/l	99
18) Methyl Acetate	2.970	43	4485	0.678	ug/l #	67
19) Methyl tert-butyl Ether	3.375	73	7634	0.734	ug/l	96
20) Methylene Chloride	3.057	84	3900	1.107	ug/l	96
21) trans-1,2-Dichloroethene	3.356	96	2519	0.831	ug/l #	87
22) Diisopropyl ether	3.999	45	6886	0.689	ug/l	85
23) Vinyl Acetate	3.970	43	27858	3.555	ug/l	100
24) 1,1-Dichloroethane	3.883	63	4996m	0.834	ug/l	
25) 2-Butanone	4.739	43	13582	4.829	ug/l	96
26) 2,2-Dichloropropane	4.674	77	4261	0.854	ug/l	94
27) cis-1,2-Dichloroethene	4.674	96	3153	0.884	ug/l	99
28) Bromochloromethane	4.980	49	1755	0.620	ug/l #	79
29) Tetrahydrofuran	5.076	42	8366	4.811	ug/l #	78
30) Chloroform	5.089	83	5379	0.898	ug/l	100
32) 1,1,1-Trichloroethane	5.324	97	4439	0.874	ug/l #	47
36) 1,1-Dichloropropene	5.533	75	3657	0.939	ug/l	94
37) Ethyl Acetate	4.822	43	5587m	1.174	ug/l	
38) Carbon Tetrachloride	5.533	117	4073	1.022	ug/l	94
39) Methylcyclohexane	6.764	83	4574	0.954	ug/l	97
40) Benzene	5.780	78	11802	1.018	ug/l	94
41) Methacrylonitrile	4.986	41	1913	0.806	ug/l	92
42) 1,2-Dichloroethane	5.800	62	4181	1.000	ug/l	90
43) Isopropyl Acetate	5.922	43	6726	0.980	ug/l #	91
44) Trichloroethene	6.549	130	3376	1.163	ug/l	87
45) 1,2-Dichloropropane	6.793	63	2688	0.870	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.922	93	2214	1.015	ug/l	96
47) Bromodichloromethane	7.108	83	4164	1.013	ug/l	98
48) Methyl methacrylate	6.970	41	2559	0.803	ug/l	95
49) 1,4-Dioxane	7.050	88	1543m	18.396	ug/l	
51) 4-Methyl-2-Pentanone	7.800	43	21237	4.524	ug/l	94
52) Toluene	7.973	92	6442	0.894	ug/l	92
53) t-1,3-Dichloropropene	8.214	75	3994	0.850	ug/l #	77
54) cis-1,3-Dichloropropene	7.610	75	4101	0.824	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	3222	1.064	ug/l	93
56) Ethyl methacrylate	8.340	69	3180	0.670	ug/l #	83
57) 1,3-Dichloropropane	8.578	76	4696	0.876	ug/l	95
59) 2-Hexanone	8.693	43	17195	4.617	ug/l	96
60) Dibromochloromethane	8.816	129	3331	1.041	ug/l	93
61) 1,2-Dibromoethane	8.928	107	3272	1.002	ug/l	97
64) Tetrachloroethene	8.555	164	2963	1.258	ug/l	94
65) Chlorobenzene	9.449	112	8281	1.044	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	3106	1.094	ug/l #	63
67) Ethyl Benzene	9.571	91	12362	0.888	ug/l	100
68) m/p-Xylenes	9.697	106	9229	1.737	ug/l	95
69) o-Xylene	10.102	106	4277	0.826	ug/l	92
70) Styrene	10.118	104	6679	0.765	ug/l	96
71) Bromoform	10.291	173	2833	1.148	ug/l #	94
73) Isopropylbenzene	10.488	105	10902	0.807	ug/l	96
74) N-amyl acetate	10.324	43	4085	0.682	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	10.783	83	5423	1.001	ug/l	96
76) 1,2,3-Trichloropropane	10.828	75	5811	0.920	ug/l	97
77) Bromobenzene	10.783	156	3614	1.075	ug/l	96
78) n-propylbenzene	10.905	91	12241	0.734	ug/l	98
79) 2-Chlorotoluene	10.986	91	8155	0.826	ug/l	97
80) 1,3,5-Trimethylbenzene	11.089	105	8543	0.729	ug/l	94
82) 4-Chlorotoluene	11.102	91	8687	0.750	ug/l	96
83) tert-Butylbenzene	11.423	119	8906	0.796	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	8231	0.714	ug/l	98
85) sec-Butylbenzene	11.642	105	10098	0.685	ug/l	94
86) p-Isopropyltoluene	11.796	119	8444	0.683	ug/l	88
87) 1,3-Dichlorobenzene	11.748	146	6806	1.009	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	7779m	1.141	ug/l	
89) n-Butylbenzene	12.211	91	8719	0.736	ug/l	97
90) Hexachloroethane	12.478	117	2017	0.890	ug/l	92
91) 1,2-Dichlorobenzene	12.214	146	6870	1.050	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.002	75	1145	0.897	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	4299	0.936	ug/l	97
94) Hexachlorobutadiene	14.024	225	2437	1.188	ug/l	96
95) Naphthalene	14.089	128	9858	0.644	ug/l	98
96) 1,2,3-Trichlorobenzene	14.330	180	4267	0.935	ug/l	97

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

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