

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044929.D
 Acq On : 28 Sep 2021 10:14
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Quant Time: Sep 28 11:55:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 11:55:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	168154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	301396	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	269902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	122599	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	1943	0.952	ug/l	97
3) Chloromethane	1.520	50	3312	1.098	ug/l	98
4) Vinyl Chloride	1.607	62	2532	0.886	ug/l #	68
6) Chloroethane	1.929	64	2258	1.006	ug/l	95
7) Trichlorofluoromethane	2.138	101	3358	0.947	ug/l	100
8) Diethyl Ether	2.379	74	1590	0.983	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	1882	0.914	ug/l	95
12) 1,1-Dichloroethene	2.584	96	1791	0.877	ug/l	95
14) Allyl chloride	2.925	41	3669	0.936	ug/l	98
15) Acrylonitrile	3.321	53	7366	4.163	ug/l	97
16) Acetone	2.633	43	8881	5.290	ug/l	95
17) Carbon Disulfide	2.797	76	6252	1.084	ug/l	97
18) Methyl Acetate	2.957	43	4602	0.842	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	7019	0.920	ug/l	98
20) Methylene Chloride	3.054	84	2633	0.981	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	2050	0.940	ug/l	87
22) Diisopropyl ether	4.002	45	6919	0.892	ug/l	94
23) Vinyl Acetate	3.964	43	26208	4.125	ug/l	98
24) 1,1-Dichloroethane	3.874	63	4031	0.896	ug/l #	95
25) 2-Butanone	4.716	43	10414	4.157	ug/l	99
26) 2,2-Dichloropropane	4.671	77	3513	1.015	ug/l	96
27) cis-1,2-Dichloroethene	4.678	96	2460	0.928	ug/l	90
28) Bromochloromethane	4.973	49	1596	0.763	ug/l #	96
29) Tetrahydrofuran	5.064	42	6272	4.031	ug/l	99
30) Chloroform	5.092	83	4323	0.949	ug/l	89
32) 1,1,1-Trichloroethane	5.321	97	3241	0.880	ug/l #	54
36) 1,1-Dichloropropene	5.533	75	2923	0.909	ug/l	97
37) Ethyl Acetate	4.819	43	4223	0.911	ug/l #	87
38) Carbon Tetrachloride	5.533	117	2341	0.819	ug/l	93
39) Methylcyclohexane	6.768	83	3547	0.965	ug/l	90
40) Benzene	5.781	78	9164	0.938	ug/l	94
41) Methacrylonitrile	4.986	41	1913	0.824	ug/l	97
42) 1,2-Dichloroethane	5.800	62	3562	0.924	ug/l	92
43) Isopropyl Acetate	5.916	43	5642	0.859	ug/l	96
44) Trichloroethene	6.549	130	2143	0.911	ug/l	97
45) 1,2-Dichloropropane	6.797	63	2408	0.920	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.922	93	1502	0.858	ug/l	95
47) Bromodichloromethane	7.112	83	2914	0.845	ug/l	96
48) Methyl methacrylate	6.967	41	2761	0.890	ug/l	96
49) 1,4-Dioxane	6.973	88	749	9.470	ug/l #	94
51) 4-Methyl-2-Pentanone	7.797	43	19000	4.041	ug/l	94
52) Toluene	7.973	92	5536	0.942	ug/l	92
53) t-1,3-Dichloropropene	8.214	75	3104	0.851	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	3338	0.853	ug/l #	88
55) 1,1,2-Trichloroethane	8.407	97	2194	0.875	ug/l	92
56) Ethyl methacrylate	8.340	69	3135	0.779	ug/l	98
57) 1,3-Dichloropropane	8.581	76	3939	0.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	3304	3.452	ug/l	96
59) 2-Hexanone	8.690	43	14221	3.740	ug/l	97
60) Dibromochloromethane	8.816	129	1706	0.709	ug/l	98
61) 1,2-Dibromoethane	8.928	107	2257	0.854	ug/l	97
64) Tetrachloroethene	8.555	164	1715	0.942	ug/l	96
65) Chlorobenzene	9.452	112	5258	0.931	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.539	131	1639	0.814	ug/l #	64
67) Ethyl Benzene	9.575	91	9421	0.932	ug/l	96
68) m/p-Xylenes	9.700	106	7520	1.946	ug/l	94
69) o-Xylene	10.105	106	3509	0.933	ug/l	95
70) Styrene	10.118	104	5377	0.850	ug/l	99
71) Bromoform	10.295	173	1144	0.676	ug/l #	96
73) Isopropylbenzene	10.488	105	8705	0.996	ug/l	100
74) N-amyl acetate	10.324	43	4039	0.903	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	3635	0.905	ug/l	98
76) 1,2,3-Trichloropropane	10.829	75	3299m	0.881	ug/l	
77) Bromobenzene	10.787	156	2153	1.024	ug/l	98
78) n-propylbenzene	10.909	91	10263	0.966	ug/l	99
79) 2-Chlorotoluene	10.989	91	6873	1.058	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	7188	0.965	ug/l	100
82) 4-Chlorotoluene	11.102	91	7202	0.973	ug/l	99
83) tert-Butylbenzene	11.423	119	6880	0.952	ug/l	93
84) 1,2,4-Trimethylbenzene	11.472	105	6723	0.914	ug/l	100
85) sec-Butylbenzene	11.648	105	8832	0.949	ug/l	99
86) p-Isopropyltoluene	11.796	119	6689	0.883	ug/l	91
87) 1,3-Dichlorobenzene	11.748	146	4220	1.031	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	4492m	1.064	ug/l	
89) n-Butylbenzene	12.214	91	6286	0.902	ug/l	99
90) Hexachloroethane	12.481	117	1275	0.926	ug/l	91
91) 1,2-Dichlorobenzene	12.218	146	4241	0.981	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	848	0.883	ug/l	91
93) 1,2,4-Trichlorobenzene	13.848	180	2446	1.034	ug/l	95
94) Hexachlorobutadiene	14.025	225	965	0.923	ug/l	92
95) Naphthalene	14.092	128	9991	1.214	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	2542	1.066	ug/l	97

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

