

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044820.D
 Acq On : 24 Sep 2021 19:19
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:02:30 AM

Quant Time: Sep 25 00:57:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 00:57:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	138337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	253014	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	240542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	103826	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		Recovery	=	0.000%	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1620	0.843	ug/l	93
3) Chloromethane	1.520	50	3183	1.224	ug/l	99
4) Vinyl Chloride	1.607	62	2361	1.003	ug/l #	73
6) Chloroethane	1.932	64	2764	1.824	ug/l	93
7) Trichlorofluoromethane	2.141	101	2963	1.044	ug/l	99
8) Diethyl Ether	2.378	74	1232	1.038	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.578	101	1669	0.969	ug/l	94
12) 1,1-Dichloroethene	2.584	96	1747	1.021	ug/l	91
14) Allyl chloride	2.928	41	3348	1.041	ug/l	97
15) Acrylonitrile	3.321	53	7127	5.602	ug/l	97
16) Acetone	2.629	43	8107	6.125	ug/l	95
17) Carbon Disulfide	2.796	76	4960	0.920	ug/l	100
18) Methyl Acetate	2.954	43	4750	1.523	ug/l	92
19) Methyl tert-butyl Ether	3.372	73	5893	1.091	ug/l	96
20) Methylene Chloride	3.050	84	2808	1.250	ug/l	92
21) trans-1,2-Dichloroethene	3.359	96	1729	0.919	ug/l	87
22) Diisopropyl ether	4.002	45	5651	0.999	ug/l	90
23) Vinyl Acetate	3.964	43	22375	4.278	ug/l #	94
24) 1,1-Dichloroethane	3.874	63	3535	0.959	ug/l #	93
25) 2-Butanone	4.713	43	10023	5.296	ug/l	100
26) 2,2-Dichloropropane	4.671	77	2968	1.030	ug/l	90
27) cis-1,2-Dichloroethene	4.668	96	2335	1.100	ug/l	95
28) Bromochloromethane	4.980	49	1905	1.086	ug/l #	95
29) Tetrahydrofuran	5.063	42	6005	5.689	ug/l	98
30) Chloroform	5.099	83	3847	1.068	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	3002	1.005	ug/l #	53
36) 1,1-Dichloropropene	5.533	75	2595	0.921	ug/l	88
37) Ethyl Acetate	4.809	43	4170	1.198	ug/l #	88
38) Carbon Tetrachloride	5.533	117	2129	0.837	ug/l	96
39) Methylcyclohexane	6.764	83	2599	0.853	ug/l	97
40) Benzene	5.777	78	8350	0.999	ug/l	98
41) Methacrylonitrile	4.983	41	1712	0.964	ug/l #	93
42) 1,2-Dichloroethane	5.800	62	3283	1.092	ug/l	88
43) Isopropyl Acetate	5.915	43	5093	1.036	ug/l	96
44) Trichloroethene	6.549	130	2316	1.200	ug/l	100
45) 1,2-Dichloropropane	6.796	63	2115	0.922	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.922	93	1375	0.931	ug/l	97
47) Bromodichloromethane	7.111	83	2897	0.999	ug/l #	90
48) Methyl methacrylate	6.964	41	2279	0.954	ug/l	97
49) 1,4-Dioxane	6.973	88	1088	17.474	ug/l #	89
51) 4-Methyl-2-Pentanone	7.796	43	17066	4.813	ug/l	97
52) Toluene	7.976	92	4407	0.890	ug/l	94
53) t-1,3-Dichloropropene	8.214	75	2502	0.795	ug/l	94
54) cis-1,3-Dichloropropene	7.613	75	2849	0.839	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	1993	0.954	ug/l	95
56) Ethyl methacrylate	8.343	69	2495	0.781	ug/l	96
57) 1,3-Dichloropropane	8.581	76	3579	0.964	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.465	63	2593	2.756	ug/l	90
59) 2-Hexanone	8.687	43	13150	4.640	ug/l	93
60) Dibromochloromethane	8.816	129	1796	0.870	ug/l	92
61) 1,2-Dibromoethane	8.928	107	2041	0.928	ug/l	96
64) Tetrachloroethene	8.555	164	1528	0.917	ug/l	94
65) Chlorobenzene	9.452	112	4854	0.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	1717	0.951	ug/l #	61
67) Ethyl Benzene	9.574	91	7509	0.812	ug/l	97
68) m/p-Xylenes	9.697	106	5684	1.641	ug/l	95
69) o-Xylene	10.102	106	2671	0.811	ug/l	93
70) Styrene	10.118	104	3998	0.701	ug/l	96
71) Bromoform	10.295	173	1229	0.807	ug/l #	60
73) Isopropylbenzene	10.487	105	6696	0.951	ug/l	99
74) N-amyl acetate	10.320	43	3064	0.942	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	10.790	83	3693	1.200	ug/l	93
76) 1,2,3-Trichloropropane	10.825	75	3257m	0.954	ug/l	
77) Bromobenzene	10.787	156	1722	0.975	ug/l	90
78) n-propylbenzene	10.909	91	7780	0.854	ug/l	96
79) 2-Chlorotoluene	10.989	91	5040	0.933	ug/l	94
80) 1,3,5-Trimethylbenzene	11.089	105	5249	0.844	ug/l	100
82) 4-Chlorotoluene	11.102	91	5326	0.839	ug/l	100
83) tert-Butylbenzene	11.423	119	5225	0.893	ug/l	96
84) 1,2,4-Trimethylbenzene	11.471	105	4888	0.785	ug/l	97
85) sec-Butylbenzene	11.648	105	6066	0.786	ug/l	98
86) p-Isopropyltoluene	11.799	119	4665	0.715	ug/l	86
87) 1,3-Dichlorobenzene	11.748	146	3330	0.967	ug/l	97
88) 1,4-Dichlorobenzene	11.841	146	3629m	0.991	ug/l	
89) n-Butylbenzene	12.214	91	4360	0.663	ug/l	99
90) Hexachloroethane	12.478	117	1076	1.021	ug/l	87
91) 1,2-Dichlorobenzene	12.217	146	3919	1.123	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	13.008	75	790	1.107	ug/l	93
93) 1,2,4-Trichlorobenzene	13.844	180	1685	0.774	ug/l	96
94) Hexachlorobutadiene	14.024	225	803	0.712	ug/l	91
95) Naphthalene	14.092	128	5676	0.803	ug/l	95
96) 1,2,3-Trichlorobenzene	14.336	180	1765	0.827	ug/l	98

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

