

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060921\
 Data File : VU044132.D
 Acq On : 09 Jun 2021 10:56
 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

MMDadoda
 6/10/2021 12:56:10 PM

Quant Time: Jun 10 04:46:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 04:45:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	143877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	264186	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	251916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	122565	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	2103	1.341	ug/l	95
3) Chloromethane	1.523	50	3848	2.027	ug/l	98
4) Vinyl Chloride	1.610	62	2796	1.610	ug/l #	83
6) Chloroethane	1.938	64	2074	1.608	ug/l	98
7) Trichlorofluoromethane	2.147	101	3323	1.201	ug/l	92
8) Diethyl Ether	2.388	74	1325	1.431	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.591	101	1955	1.337	ug/l	92
12) 1,1-Dichloroethene	2.591	96	2103	1.498	ug/l	95
14) Allyl chloride	2.932	41	3713	1.133	ug/l	96
15) Acrylonitrile	3.324	53	6573	4.915	ug/l	95
16) Acetone	2.636	43	9408	6.334	ug/l	93
17) Carbon Disulfide	2.803	76	6945	1.592	ug/l	96
18) Methyl Acetate	2.961	43	3116	1.030	ug/l	97
19) Methyl tert-butyl Ether	3.379	73	5415	1.013	ug/l	96
20) Methylene Chloride	3.054	84	3061	1.704	ug/l	90
21) trans-1,2-Dichloroethene	3.366	96	2111	1.292	ug/l	96
22) Diisopropyl ether	4.009	45	5686	0.922	ug/l #	76
23) Vinyl Acetate	3.967	43	25853	4.345	ug/l	98
24) 1,1-Dichloroethane	3.883	63	4211	1.298	ug/l #	95
25) 2-Butanone	4.716	43	10395	4.841	ug/l	92
26) 2,2-Dichloropropane	4.674	77	3332	1.198	ug/l	93
27) cis-1,2-Dichloroethene	4.681	96	2370	1.290	ug/l	95
28) Bromochloromethane	4.986	49	2019	1.226	ug/l #	96
29) Tetrahydrofuran	5.064	42	5347	4.012	ug/l	94
30) Chloroform	5.102	83	4188	1.239	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	3475	1.176	ug/l #	53
36) 1,1-Dichloropropene	5.536	75	3140	1.120	ug/l	93
37) Ethyl Acetate	4.822	43	3788	0.822	ug/l #	85
38) Carbon Tetrachloride	5.533	117	2709	0.926	ug/l	89
39) Methylcyclohexane	6.774	83	3216	1.047	ug/l	88
40) Benzene	5.784	78	8988	1.111	ug/l	92
41) Methacrylonitrile	4.990	41	1663	0.687	ug/l #	70
42) 1,2-Dichloroethane	5.806	62	3307	0.959	ug/l	93
43) Isopropyl Acetate	5.922	43	4674	0.716	ug/l #	95
44) Trichloroethene	6.549	130	2071	1.028	ug/l	97
45) 1,2-Dichloropropane	6.800	63	2600	1.167	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.925	93	1670	1.072	ug/l	90
47) Bromodichloromethane	7.115	83	3131	1.018	ug/l	100
48) Methyl methacrylate	6.967	41	2251	0.690	ug/l	87
49) 1,4-Dioxane	6.977	88	1103	16.380	ug/l	94
51) 4-Methyl-2-Pentanone	7.800	43	16086	3.335	ug/l	95
52) Toluene	7.977	92	4707	0.944	ug/l	93
53) t-1,3-Dichloropropene	8.218	75	3061	0.897	ug/l #	85
54) cis-1,3-Dichloropropene	7.616	75	3290	0.939	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	2182	1.025	ug/l	97
56) Ethyl methacrylate	8.340	69	2591	0.746	ug/l	97
57) 1,3-Dichloropropane	8.584	76	3773	1.022	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.472	63	3590	3.013	ug/l	95
59) 2-Hexanone	8.694	43	13149	3.343	ug/l	88
60) Dibromochloromethane	8.819	129	1988	0.830	ug/l	97
61) 1,2-Dibromoethane	8.928	107	2279	0.965	ug/l	95
64) Tetrachloroethene	8.559	164	1891	1.044	ug/l	97
65) Chlorobenzene	9.452	112	5787	1.075	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.539	131	1944	0.960	ug/l #	62
67) Ethyl Benzene	9.578	91	8883	0.911	ug/l	97
68) m/p-Xylenes	9.700	106	6314	1.747	ug/l	94
69) o-Xylene	10.108	106	2903	0.825	ug/l	97
70) Styrene	10.121	104	4945	0.832	ug/l	94
71) Bromoform	10.298	173	1432	0.700	ug/l #	99
73) Isopropylbenzene	10.491	105	7462	0.896	ug/l	99
74) N-amyl acetate	10.327	43	3685	0.727	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	10.790	83	3942	1.101	ug/l	95
76) 1,2,3-Trichloropropane	10.832	75	4296	1.156	ug/l	99
77) Bromobenzene	10.790	156	2295	1.011	ug/l	96
78) n-propylbenzene	10.912	91	10739	1.069	ug/l	91
79) 2-Chlorotoluene	10.993	91	6174	1.015	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	6068	0.828	ug/l	96
82) 4-Chlorotoluene	11.105	91	7082	0.970	ug/l	96
83) tert-Butylbenzene	11.430	119	6276	0.877	ug/l	96
84) 1,2,4-Trimethylbenzene	11.475	105	5841	0.774	ug/l	100
85) sec-Butylbenzene	11.648	105	8032	0.939	ug/l	98
86) p-Isopropyltoluene	11.800	119	6122	0.785	ug/l	89
87) 1,3-Dichlorobenzene	11.755	146	4250	1.024	ug/l	98
88) 1,4-Dichlorobenzene	11.845	146	5170m	1.197	ug/l	
89) n-Butylbenzene	12.218	91	7791	1.064	ug/l	93
90) Hexachloroethane	12.484	117	1137	0.805	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	4664	1.106	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.002	75	891	0.910	ug/l	81
93) 1,2,4-Trichlorobenzene	13.848	180	2878	1.021	ug/l	94
94) Hexachlorobutadiene	14.028	225	1373	0.902	ug/l	95
95) Naphthalene	14.095	128	9320	1.087	ug/l	99
96) 1,2,3-Trichlorobenzene	14.340	180	2701	0.978	ug/l	95

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

