

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045549.D
 Acq On : 05 Nov 2021 10:23
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 05 12:01:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 11:59:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	132652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	234807	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	227107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	110415	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	1612	0.915	ug/l	78
3) Chloromethane	1.523	50	2274	0.861	ug/l #	85
4) Vinyl Chloride	1.607	62	1900	0.867	ug/l	93
6) Chloroethane	1.935	64	1506	1.141	ug/l	99
7) Trichlorofluoromethane	2.144	101	2604	1.061	ug/l	96
8) Diethyl Ether	2.375	74	1032	0.907	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.584	101	1415	0.960	ug/l	95
12) 1,1-Dichloroethene	2.581	96	1578	1.041	ug/l	80
14) Allyl chloride	2.928	41	2586	0.929	ug/l	97
15) Acrylonitrile	3.321	53	4914	4.348	ug/l	99
16) Acetone	2.626	43	5491	5.601	ug/l	96
17) Carbon Disulfide	2.797	76	4539	1.029	ug/l	96
18) Methyl Acetate	2.951	43	3648	0.999	ug/l	96
19) Methyl tert-butyl Ether	3.366	73	5335	0.957	ug/l	96
20) Methylene Chloride	3.054	84	2040	1.044	ug/l	92
21) trans-1,2-Dichloroethene	3.356	96	1433	0.877	ug/l	93
22) Diisopropyl ether	3.999	45	4827	0.887	ug/l	98
23) Vinyl Acetate	3.960	43	17743	4.203	ug/l	98
24) 1,1-Dichloroethane	3.874	63	3082	0.966	ug/l #	82
25) 2-Butanone	4.710	43	6700	4.527	ug/l	96
26) 2,2-Dichloropropane	4.674	77	2332	0.944	ug/l	95
27) cis-1,2-Dichloroethene	4.668	96	1778	0.946	ug/l	93
28) Bromochloromethane	4.986	49	1350	0.858	ug/l #	93
29) Tetrahydrofuran	5.054	42	4165	4.339	ug/l	98
30) Chloroform	5.095	83	3132	1.013	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	2490	0.981	ug/l #	52
36) 1,1-Dichloropropene	5.526	75	2253	1.008	ug/l	93
37) Ethyl Acetate	4.809	43	2856	1.055	ug/l #	79
38) Carbon Tetrachloride	5.533	117	2427	1.245	ug/l	95
39) Methylcyclohexane	6.767	83	2638	0.949	ug/l	92
40) Benzene	5.774	78	7436	1.105	ug/l	93
41) Methacrylonitrile	4.983	41	1243	0.868	ug/l	98
42) 1,2-Dichloroethane	5.800	62	2422	0.980	ug/l	88
43) Isopropyl Acetate	5.915	43	3855	0.945	ug/l #	96
44) Trichloroethene	6.546	130	1674	1.073	ug/l	91
45) 1,2-Dichloropropane	6.796	63	1739	0.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.919	93	1264	1.096	ug/l	92
47) Bromodichloromethane	7.111	83	2168	0.955	ug/l #	89
48) Methyl methacrylate	6.964	41	1679	0.868	ug/l	96
49) 1,4-Dioxane	6.980	88	998	20.309	ug/l #	87
51) 4-Methyl-2-Pentanone	7.793	43	11608	4.402	ug/l	96
52) Toluene	7.973	92	3804	0.930	ug/l	93
53) t-1,3-Dichloropropene	8.214	75	2400	0.928	ug/l #	82
54) cis-1,3-Dichloropropene	7.610	75	2654	0.958	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	1667	0.998	ug/l	98
56) Ethyl methacrylate	8.337	69	2298	0.863	ug/l	97
57) 1,3-Dichloropropane	8.581	76	3053	1.029	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.468	63	8704	5.684	ug/l	98
59) 2-Hexanone	8.687	43	8698	4.258	ug/l	94
60) Dibromochloromethane	8.812	129	1741	1.086	ug/l	93
61) 1,2-Dibromoethane	8.928	107	1714	0.979	ug/l	98
64) Tetrachloroethene	8.555	164	1282	0.988	ug/l	94
65) Chlorobenzene	9.449	112	4664	1.083	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	1629	1.121	ug/l #	63
67) Ethyl Benzene	9.571	91	7775	0.986	ug/l	97
68) m/p-Xylenes	9.697	106	5453	1.831	ug/l	97
69) o-Xylene	10.108	106	2534	0.873	ug/l	97
70) Styrene	10.118	104	4315	0.886	ug/l	99
71) Bromoform	10.295	173	1099	0.936	ug/l #	94
73) Isopropylbenzene	10.488	105	6826	0.917	ug/l	98
74) N-amyl acetate	10.320	43	2777	0.813	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.783	83	3036	1.027	ug/l	89
76) 1,2,3-Trichloropropane	10.825	75	3371	1.146	ug/l	92
77) Bromobenzene	10.783	156	1808	1.041	ug/l	92
78) n-propylbenzene	10.909	91	8594	0.952	ug/l	97
79) 2-Chlorotoluene	10.989	91	5134	0.945	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	5765	0.920	ug/l	96
82) 4-Chlorotoluene	11.098	91	5886	0.953	ug/l	98
83) tert-Butylbenzene	11.420	119	5267	0.871	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	5177	0.825	ug/l	97
85) sec-Butylbenzene	11.648	105	7065	0.890	ug/l	97
86) p-Isopropyltoluene	11.796	119	5972	0.930	ug/l	90
87) 1,3-Dichlorobenzene	11.748	146	3840	1.120	ug/l	93
88) 1,4-Dichlorobenzene	11.748	146	3840	1.095	ug/l	93
89) n-Butylbenzene	12.211	91	5931	0.962	ug/l	96
90) Hexachloroethane	12.481	117	1155	1.020	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	3619	1.055	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	13.002	75	621	0.875	ug/l	76
93) 1,2,4-Trichlorobenzene	13.844	180	2469	1.075	ug/l	98
94) Hexachlorobutadiene	14.024	225	1142	1.366	ug/l	91
95) Naphthalene	14.089	128	6963	0.838	ug/l	97
96) 1,2,3-Trichlorobenzene	14.333	180	2330	1.006	ug/l	98

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

