

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
 Data File : VU044232.D
 Acq On : 16 Jun 2021 11:41
 Operator : SY/MD
 Sample : VU0616WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0616WBS01

Quant Time: Jun 17 04:54:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	210606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	350608	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	332261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	182306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	137468	41.045	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.100%	
35) Dibromofluoromethane	5.301	113	115856	47.503	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.000%	
50) Toluene-d8	7.906	98	432939	46.221	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.440%	
62) 4-Bromofluorobenzene	10.639	95	173104	46.116	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.240%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.392	85	48980	16.487	ug/l	99
3) Chloromethane	1.523	50	55442	15.343	ug/l	99
4) Vinyl Chloride	1.610	62	58206	16.422	ug/l	100
5) Bromomethane	1.864	94	33722	23.056	ug/l	100
6) Chloroethane	1.941	64	31117	14.806	ug/l	98
7) Trichlorofluoromethane	2.144	101	71484	16.766	ug/l	99
8) Diethyl Ether	2.385	74	29722	17.041	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.591	101	45242	17.419	ug/l	95
10) Methyl Iodide	2.732	142	53230	17.767	ug/l	97
11) Tert butyl alcohol	3.256	59	69955	77.644	ug/l	95
12) 1,1-Dichloroethene	2.588	96	45179	17.448	ug/l	94
13) Acrolein	2.501	56	24445	47.725	ug/l	98
14) Allyl chloride	2.932	41	78721	16.292	ug/l	97
15) Acrylonitrile	3.330	53	166723	89.493	ug/l	98
16) Acetone	2.652	43	188814	107.971	ug/l	99
17) Carbon Disulfide	2.803	76	135031	16.241	ug/l	100
18) Methyl Acetate	2.964	43	78390	18.195	ug/l	97
19) Methyl tert-butyl Ether	3.375	73	144186	18.236	ug/l	100
20) Methylene Chloride	3.057	84	60820	19.418	ug/l	94
21) trans-1,2-Dichloroethene	3.363	96	50896	17.795	ug/l	97
22) Diisopropyl ether	4.006	45	140305	16.867	ug/l #	80
23) Vinyl Acetate	3.970	43	663809	84.094	ug/l	98
24) 1,1-Dichloroethane	3.883	63	92506	16.734	ug/l	98
25) 2-Butanone	4.723	43	254308	90.973	ug/l	98
26) 2,2-Dichloropropane	4.678	77	75280	17.244	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	57561	18.040	ug/l	95
28) Bromochloromethane	4.986	49	43910	16.651	ug/l	87
29) Tetrahydrofuran	5.070	42	139024	91.488	ug/l	96
30) Chloroform	5.099	83	92073	17.055	ug/l	99
31) Cyclohexane	5.398	56	79605	16.842	ug/l	92
32) 1,1,1-Trichloroethane	5.327	97	77839	17.342	ug/l	99
36) 1,1-Dichloropropene	5.536	75	70714	18.128	ug/l	99
37) Ethyl Acetate	4.819	43	87890	18.816	ug/l	99
38) Carbon Tetrachloride	5.536	117	66213	18.802	ug/l	99
39) Methylcyclohexane	6.774	83	78120	18.775	ug/l	97
40) Benzene	5.784	78	211369	18.286	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	43608	18.236	ug/l	94
42) 1,2-Dichloroethane	5.806	62	69752	17.101	ug/l	97
43) Isopropyl Acetate	5.922	43	121605	18.349	ug/l	97
44) Trichloroethene	6.552	130	53269	20.000	ug/l	96
45) 1,2-Dichloropropane	6.800	63	54421	17.334	ug/l	98
46) Dibromomethane	6.928	93	37289	18.425	ug/l	96
47) Bromodichloromethane	7.115	83	72264	18.148	ug/l	98
48) Methyl methacrylate	6.970	41	57578	17.853	ug/l	97
49) 1,4-Dioxane	7.022	88	32939	390.480	ug/l #	83
51) 4-Methyl-2-Pentanone	7.803	43	433239	90.319	ug/l	97
52) Toluene	7.976	92	133012	19.413	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	81621	18.733	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	88521	18.830	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	52863	18.371	ug/l	98
56) Ethyl methacrylate	8.343	69	83885	19.083	ug/l	95
57) 1,3-Dichloropropane	8.584	76	93441	18.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	126668	92.463	ug/l	96
59) 2-Hexanone	8.697	43	348936	91.151	ug/l	97
60) Dibromochloromethane	8.819	129	54738	19.128	ug/l	99
61) 1,2-Dibromoethane	8.931	107	57892	19.127	ug/l	99
64) Tetrachloroethene	8.562	164	48288	21.141	ug/l	98
65) Chlorobenzene	9.456	112	139063	19.573	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	48452	19.525	ug/l	99
67) Ethyl Benzene	9.578	91	249652	19.562	ug/l	99
68) m/p-Xylenes	9.703	106	193175	40.528	ug/l	99
69) o-Xylene	10.108	106	91903	20.335	ug/l	96
70) Styrene	10.121	104	155856	19.800	ug/l	99
71) Bromoform	10.298	173	40943	19.388	ug/l #	99
73) Isopropylbenzene	10.491	105	247912	20.307	ug/l	99
74) N-amyl acetate	10.330	43	98074	17.888	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	91588	17.234	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	110048	18.004	ug/l	97
77) Bromobenzene	10.790	156	58828	19.168	ug/l	96
78) n-propylbenzene	10.912	91	305615	19.236	ug/l	99
79) 2-Chlorotoluene	10.992	91	178742	18.989	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	216495	19.934	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	30679	18.194	ug/l	99
82) 4-Chlorotoluene	11.105	91	213561	19.211	ug/l	99
83) tert-Butylbenzene	11.430	119	199776	19.606	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	219822	20.145	ug/l	99
85) sec-Butylbenzene	11.652	105	267646	20.001	ug/l	98
86) p-Isopropyltoluene	11.800	119	233591	20.377	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	115903	19.239	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	118770	18.523	ug/l	99
89) n-Butylbenzene	12.217	91	220076	18.900	ug/l	99
90) Hexachloroethane	12.484	117	32722	18.037	ug/l	95
91) 1,2-Dichlorobenzene	12.221	146	112919	18.642	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	21742	18.087	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	76753	20.132	ug/l	99
94) Hexachlorobutadiene	14.031	225	42212	20.633	ug/l	100
95) Naphthalene	14.095	128	236465	20.242	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	73430	19.866	ug/l	99

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

