

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU063021\  
 Data File : VU044256.D  
 Acq On : 30 Jun 2021 09:50  
 Operator : SY/MD  
 Sample : VSTDCC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD005138

Quant Time: Jul 01 02:32:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR062121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jun 22 01:35:06 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	153792	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	148054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	82906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	37700	4.528	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.600%	
7) Chloroethane-d5	1.916	69	38008	4.636	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.571	65	19777	4.628	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	4.629	46	130549	42.576	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.160%	
24) Chloroform-d	5.073	84	87761	4.682	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.710	65	49942	4.457	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
32) Benzene-d6	5.735	84	177703	4.833	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.700	67	57427	4.819	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.906	98	168125	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
43) trans-1,3-Dichloroprop...	8.185	79	23824	4.310	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.639	63	110720	42.056	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.120%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45254	4.272	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	12.198	152	68465	5.012	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
2) Dichlorodifluoromethane	1.388	85	41637	4.597	ug/L	100
3) Chloromethane	1.523	50	47054	4.492	ug/L	99
5) Vinyl chloride	1.607	62	51668	4.754	ug/L	100
6) Bromomethane	1.858	94	31454	4.513	ug/L	99
8) Chloroethane	1.938	64	34405	4.652	ug/L	99
9) Trichlorofluoromethane	2.144	101	78473	5.170	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	46739	5.130	ug/L	98
12) 1,1-Dichloroethene	2.584	96	42089	4.740	ug/L	96
13) Acetone	2.633	43	80828	58.956	ug/L	91
14) Carbon disulfide	2.800	76	110709	4.048	ug/L	99
15) Methyl Acetate	2.954	43	20058	5.207	ug/L	98
16) Methylene chloride	3.054	84	52311	4.371	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	127384	4.837	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	45842	4.850	ug/L	98
19) 1,1-Dichloroethane	3.880	63	90648	5.028	ug/L	99
21) 2-Butanone	4.710	43	139952	44.933	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	52855	5.111	ug/L	94
23) Bromochloromethane	4.983	128	23583	5.006	ug/L	97
25) Chloroform	5.099	83	97874	5.085	ug/L	100

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27) 1,2-Dichloroethane	5.803	62	61373	4.783	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	85149	5.105	ug/L	99
30) Cyclohexane	5.398	56	76759	4.461	ug/L	97
31) Carbon tetrachloride	5.533	117	74323	5.229	ug/L	100
33) Benzene	5.784	78	192179	4.948	ug/L	100
34) Trichloroethene	6.549	95	53109	5.049	ug/L	94
35) Methylcyclohexane	6.771	83	80911	4.659	ug/L	99
37) 1,2-Dichloropropane	6.800	63	52213	5.090	ug/L	99
38) Bromodichloromethane	7.115	83	71327	4.946	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	83713	4.970	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	354873	43.051	ug/L	99
42) Toluene	7.976	91	214704	5.020	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	75130	4.864	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	37366	4.840	ug/L	95
47) Tetrachloroethene	8.558	164	41716	5.364	ug/L	95
48) 2-Hexanone	8.690	43	257791	44.379	ug/L	97
49) Dibromochloromethane	8.816	129	49983	5.100	ug/L	99
50) 1,2-Dibromoethane	8.931	107	36382	4.878	ug/L	98
51) Chlorobenzene	9.452	112	143626	5.243	ug/L	98
52) Ethylbenzene	9.578	91	252868	5.121	ug/L	100
53) m,p-Xylene	9.700	106	96861	5.181	ug/L	100
54) o-Xylene	10.108	106	93771	5.160	ug/L	98
55) Styrene	10.121	104	161462	5.066	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	46153	4.506	ug/L	97
59) Bromoform	10.298	173	29545	5.035	ug/L #	98
60) Isopropylbenzene	10.491	105	260465	5.167	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	35103	4.690	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	226456	5.155	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	230738	5.136	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	121536	5.341	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	121208	5.283	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	111565	5.213	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8723	4.462	ug/L	88
69) 1,3,5-Trichlorobenzene	13.224	180	97978	5.650	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	80714	5.496	ug/L	97
71) Naphthalene	14.092	128	127002	4.776	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	69033	5.442	ug/L	100

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

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