

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044293.D
 Acq On : 02 Jul 2021 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005083

Quant Time: Jul 03 04:52:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	137407	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	129958	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	70910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29651	3.986	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.919	69	32590	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.572	65	16130	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.642	46	119772	43.719	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.440%
24) Chloroform-d	5.073	84	81291	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.713	65	46396	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.735	84	156083	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.700	67	51890	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.906	98	146329	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.189	79	21913	4.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.642	63	121134	52.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.840%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45779	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	60983	5.220	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	39043	4.825	ug/L	98
3) Chloromethane	1.523	50	42528	4.544	ug/L	100
5) Vinyl chloride	1.607	62	47125	4.853	ug/L	99
6) Bromomethane	1.864	94	25952	4.167	ug/L	98
8) Chloroethane	1.941	64	33172	5.021	ug/L	99
9) Trichlorofluoromethane	2.144	101	78463	5.786	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	45338	5.570	ug/L	98
12) 1,1-Dichloroethene	2.588	96	39514	4.980	ug/L	97
13) Acetone	2.649	43	76965	62.832	ug/L	95
14) Carbon disulfide	2.800	76	101507	4.154	ug/L	98
15) Methyl Acetate	2.964	43	17441	5.068	ug/L	94
16) Methylene chloride	3.054	84	50399	4.713	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	126262	5.366	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	42807	5.069	ug/L	98
19) 1,1-Dichloroethane	3.880	63	85114	5.284	ug/L	97
21) 2-Butanone	4.723	43	132002	47.435	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	50360	5.450	ug/L	95
23) Bromochloromethane	4.983	128	22700	5.393	ug/L	93
25) Chloroform	5.099	83	89599	5.210	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	59041	5.150	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	80080	5.470	ug/L	99
30) Cyclohexane	5.398	56	72242	4.783	ug/L	96
31) Carbon tetrachloride	5.533	117	69208	5.548	ug/L	99
33) Benzene	5.784	78	181723	5.330	ug/L	100
34) Trichloroethene	6.549	95	49464	5.357	ug/L	94
35) Methylcyclohexane	6.771	83	76638	5.027	ug/L	97
37) 1,2-Dichloropropane	6.800	63	50417	5.600	ug/L	98
38) Bromodichloromethane	7.115	83	68568	5.417	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	80554	5.448	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	395959	54.724	ug/L	100
42) Toluene	7.976	91	203397	5.417	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	71392	5.265	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	37996	5.606	ug/L	98
47) Tetrachloroethene	8.558	164	38143	5.588	ug/L	96
48) 2-Hexanone	8.693	43	285937	56.078	ug/L	99
49) Dibromochloromethane	8.816	129	49483	5.753	ug/L	98
50) 1,2-Dibromoethane	8.931	107	37775	5.770	ug/L	98
51) Chlorobenzene	9.452	112	134999	5.614	ug/L	98
52) Ethylbenzene	9.578	91	233725	5.393	ug/L	99
53) m,p-Xylene	9.700	106	91145	5.554	ug/L	96
54) o-Xylene	10.108	106	90019	5.643	ug/L	96
55) Styrene	10.121	104	152566	5.453	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	49776	5.536	ug/L	98
59) Bromoform	10.298	173	28796	5.737	ug/L	99
60) Isopropylbenzene	10.491	105	245127	5.685	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	36503	5.702	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	212261	5.650	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	218487	5.686	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	113237	5.818	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	113224	5.770	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	106639	5.826	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	9197	5.500	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	87388	5.892	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	73716	5.868	ug/L	99
71) Naphthalene	14.092	128	139490	6.134	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	65973	6.081	ug/L	100

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

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