

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050149.D
 Acq On : 08 Aug 2022 20:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: Aug 09 00:41:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87940	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43533	5.948	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 119.000%		
7) Chloroethane-d5	1.909	69	36161	6.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 122.400%		
11) 1,1-Dichloroethene-d2	2.562	65	16052	5.612	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 112.200%		
20) 2-Butanone-d5	4.623	46	105831	59.300	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 118.600%		
24) Chloroform-d	5.064	84	80368	5.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 118.000%		
26) 1,2-Dichloroethane-d4	5.703	65	40117	5.740	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.800%		
32) Benzene-d6	5.729	84	157445	5.833	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 116.600%		
36) 1,2-Dichloropropane-d6	6.694	67	51405	5.783	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 115.600%		
41) Toluene-d8	7.899	98	141498	5.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 118.800%		
43) trans-1,3-Dichloroprop...	8.182	79	17313	5.435	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 108.800%		
46) 2-Hexanone-d5	8.633	63	70993	62.847	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 125.700%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44851	5.746	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 115.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	45147	5.563	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	41045	5.091	ug/L	99
3) Chloromethane	1.524	50	54395	5.158	ug/L	99
5) Vinyl chloride	1.604	62	48957	5.182	ug/L	97
6) Bromomethane	1.848	94	32671	5.417	ug/L	99
8) Chloroethane	1.929	64	28961	5.202	ug/L	98
9) Trichlorofluoromethane	2.134	101	54320	5.250	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	30771	5.346	ug/L	96
12) 1,1-Dichloroethene	2.578	96	31175	5.129	ug/L	90
13) Acetone	2.626	43	59071	59.434	ug/L	89
14) Carbon disulfide	2.790	76	108223	4.985	ug/L	99
15) Methyl Acetate	2.951	43	16057	5.917	ug/L	92
16) Methylene chloride	3.044	84	48004	5.168	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	80363	5.066	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	34944	5.134	ug/L	95
19) 1,1-Dichloroethane	3.867	63	68597	5.322	ug/L	99
21) 2-Butanone	4.703	43	102277	57.226	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	39946	5.288	ug/L	99
23) Bromochloromethane	4.977	128	19409	5.375	ug/L	96
25) Chloroform	5.089	83	71992	5.239	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	44097	5.273	ug/L	99
29) 1,1,1-Trichloroethane	5.318	97	56874	5.359	ug/L	99
30) Cyclohexane	5.388	56	45242	4.893	ug/L	99
31) Carbon tetrachloride	5.527	117	45842	5.270	ug/L	99
33) Benzene	5.774	78	158405	5.227	ug/L	100
34) Trichloroethene	6.543	95	38569	5.262	ug/L	99
35) Methylcyclohexane	6.764	83	46408	4.905	ug/L	99
37) 1,2-Dichloropropane	6.793	63	41647	5.159	ug/L	100
38) Bromodichloromethane	7.108	83	52164	5.320	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	51027	4.843	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	241265	51.598	ug/L	99
42) Toluene	7.970	91	162712	5.353	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	45058	4.987	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	31144	5.161	ug/L	94
47) Tetrachloroethene	8.555	164	27167	5.173	ug/L	98
48) 2-Hexanone	8.684	43	184114	50.910	ug/L	99
49) Dibromochloromethane	8.809	129	34877	5.222	ug/L	96
50) 1,2-Dibromoethane	8.925	107	29443	5.381	ug/L	97
51) Chlorobenzene	9.449	112	98105	5.130	ug/L	98
52) Ethylbenzene	9.571	91	148478	5.006	ug/L	98
53) m,p-Xylene	9.694	106	58161	5.325	ug/L	99
54) o-Xylene	10.102	106	57176	5.244	ug/L	98
55) Styrene	10.115	104	98074	5.384	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	41531	5.237	ug/L	99
59) Bromoform	10.292	173	20150	4.851	ug/L	98
60) Isopropylbenzene	10.485	105	139944	5.059	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	27565	4.885	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	36328	4.648	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	103160	4.845	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	68462	4.910	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	66340	4.890	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	68087	5.042	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6037	5.456	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	46695	4.701	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	34419	4.573	ug/L	99
71) Naphthalene	14.089	128	62766	4.067	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	35230	4.618	ug/L	100

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

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