

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050162.D
 Acq On : 09 Aug 2022 03:09
 Operator : SY/MD
 Sample : N4075-06MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV5MSD

Quant Time: Aug 09 05:19:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87881	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39951	5.463	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.200%		
7) Chloroethane-d5	1.909	69	34142	5.786	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 115.800%		
11) 1,1-Dichloroethene-d2	2.565	65	14917	5.219	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.400%		
20) 2-Butanone-d5	4.623	46	103758	58.178	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.360%		
24) Chloroform-d	5.063	84	74840	5.502	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.000%		
26) 1,2-Dichloroethane-d4	5.703	65	37922	5.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.600%		
32) Benzene-d6	5.729	84	150406	5.511	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.200%		
36) 1,2-Dichloropropane-d6	6.693	67	49018	5.454	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.000%		
41) Toluene-d8	7.899	98	134300	5.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.400%		
43) trans-1,3-Dichloroprop...	8.182	79	15697	4.874	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.400%		
46) 2-Hexanone-d5	8.632	63	71655	62.741	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 125.480%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43567	5.520	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	43035	5.433	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	37146	4.610	ug/L	100
3) Chloromethane	1.523	50	51927	4.927	ug/L	100
5) Vinyl chloride	1.604	62	46601	4.936	ug/L	100
6) Bromomethane	1.848	94	28196	4.678	ug/L	96
8) Chloroethane	1.928	64	28088	5.049	ug/L	97
9) Trichlorofluoromethane	2.134	101	50438	4.878	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	27648	4.807	ug/L	96
12) 1,1-Dichloroethene	2.578	96	29471	4.851	ug/L	95
13) Acetone	2.623	43	61726	62.147	ug/L	90
14) Carbon disulfide	2.790	76	102827	4.739	ug/L	100
15) Methyl Acetate	2.951	43	10841	3.998	ug/L	91
16) Methylene chloride	3.044	84	40649	4.379	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	78892	4.976	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	33486	4.923	ug/L	97
19) 1,1-Dichloroethane	3.870	63	66398	5.155	ug/L	100
21) 2-Butanone	4.700	43	104977	58.776	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	38621	5.116	ug/L	99
23) Bromochloromethane	4.976	128	18909	5.240	ug/L	94
25) Chloroform	5.089	83	68853	5.014	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	43152	5.164	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	53500	4.987	ug/L	98
30) Cyclohexane	5.388	56	42277	4.523	ug/L	99
31) Carbon tetrachloride	5.526	117	43425	4.938	ug/L	100
33) Benzene	5.774	78	153430	5.007	ug/L	100
34) Trichloroethene	6.542	95	35703	4.818	ug/L	95
35) Methylcyclohexane	6.764	83	41873	4.377	ug/L	98
37) 1,2-Dichloropropane	6.793	63	41114	5.037	ug/L	100
38) Bromodichloromethane	7.105	83	50568	5.101	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	47592	4.468	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	242802	51.360	ug/L	100
42) Toluene	7.970	91	157964	5.140	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	42233	4.623	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	30726	5.036	ug/L	95
47) Tetrachloroethene	8.555	164	25199	4.746	ug/L	97
48) 2-Hexanone	8.684	43	184291	50.403	ug/L	98
49) Dibromochloromethane	8.812	129	33585	4.974	ug/L	100
50) 1,2-Dibromoethane	8.925	107	28370	5.128	ug/L	99
51) Chlorobenzene	9.449	112	94898	4.908	ug/L	97
52) Ethylbenzene	9.571	91	143692	4.792	ug/L	100
53) m,p-Xylene	9.693	106	55135	4.993	ug/L	97
54) o-Xylene	10.102	106	55216	5.009	ug/L	99
55) Styrene	10.115	104	92603	5.028	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	41793	5.213	ug/L #	98
59) Bromoform	10.291	173	19581	4.830	ug/L	99
60) Isopropylbenzene	10.484	105	132332	4.901	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	28480	5.171	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	34614	4.538	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	99113	4.769	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	66359	4.876	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	65333	4.934	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	66487	5.045	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5745	5.320	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	45032	4.645	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	36260	4.937	ug/L	96
71) Naphthalene	14.089	128	71024	4.716	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	36941	4.961	ug/L	100

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

