

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050081.D
 Acq On : 04 Aug 2022 23:25
 Operator : SY/MD
 Sample : N4027-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJG8MS

Quant Time: Aug 05 04:58:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	75063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33345	5.338	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.800%		
7) Chloroethane-d5	1.912	69	27057	5.369	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.400%		
11) 1,1-Dichloroethene-d2	2.565	65	12427	5.090	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.800%		
20) 2-Butanone-d5	4.636	46	103114	67.689	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 135.380%#		
24) Chloroform-d	5.063	84	63687	5.481	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
26) 1,2-Dichloroethane-d4	5.703	65	32860	5.508	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.200%		
32) Benzene-d6	5.726	84	121869	5.257	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
36) 1,2-Dichloropropane-d6	6.690	67	40607	5.319	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.400%		
41) Toluene-d8	7.896	98	108556	5.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.000%		
43) trans-1,3-Dichloroprop...	8.179	79	14060	5.139	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 102.800%		
46) 2-Hexanone-d5	8.636	63	65220	67.226	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 134.460%#		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	38518	5.745	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 115.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	36579	5.351	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	43351	6.299	ug/L	100
3) Chloromethane	1.520	50	51032	5.669	ug/L	99
5) Vinyl chloride	1.604	62	85851	10.646	ug/L	99
6) Bromomethane	1.858	94	19759	3.838	ug/L	100
8) Chloroethane	1.932	64	27101	5.703	ug/L	97
9) Trichlorofluoromethane	2.137	101	55299	6.262	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	61807	12.581	ug/L	96
12) 1,1-Dichloroethene	2.578	96	132402	25.518	ug/L #	71
13) Acetone	2.642	43	67088	79.079	ug/L	88
14) Carbon disulfide	2.790	76	106042	5.722	ug/L	99
15) Methyl Acetate	2.957	43	14146	6.107	ug/L	96
16) Methylene chloride	3.044	84	38727	4.885	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	83600	6.174	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	38939	6.703	ug/L	96
19) 1,1-Dichloroethane	3.867	63	164570	14.959	ug/L	99
21) 2-Butanone	4.713	43	111316	72.968	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	767300	118.996	ug/L	98
23) Bromochloromethane	4.973	128	18760	6.087	ug/L	98
25) Chloroform	5.089	83	68868	5.872	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	59319	8.310	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	55625	6.103	ug/L	98
30) Cyclohexane	5.388	56	50412	6.349	ug/L	98
31) Carbon tetrachloride	5.523	117	45692	6.116	ug/L	99
33) Benzene	5.774	78	173821	6.678	ug/L	100
34) Trichloroethene	6.546	95	4424441	702.813	ug/L	96
35) Methylcyclohexane	6.764	83	53604	6.596	ug/L	97
37) 1,2-Dichloropropane	6.790	63	40193	5.797	ug/L	99
38) Bromodichloromethane	7.105	83	47816	5.678	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	49940	5.519	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	247276	61.575	ug/L	99
42) Toluene	7.970	91	154333	5.912	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	43307	5.581	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	31135	6.007	ug/L	96
47) Tetrachloroethene	8.552	164	31924	7.078	ug/L	96
48) 2-Hexanone	8.684	43	194737	62.697	ug/L	99
49) Dibromochloromethane	8.809	129	33737	5.881	ug/L	97
50) 1,2-Dibromoethane	8.925	107	28975	6.166	ug/L	97
51) Chlorobenzene	9.446	112	91368	5.563	ug/L	99
52) Ethylbenzene	9.571	91	143714	5.642	ug/L	99
53) m,p-Xylene	9.693	106	53483	5.701	ug/L	97
54) o-Xylene	10.102	106	54637	5.834	ug/L	98
55) Styrene	10.115	104	88024	5.626	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	41651	6.116	ug/L	99
59) Bromoform	10.291	173	19808	5.661	ug/L	98
60) Isopropylbenzene	10.484	105	133508	5.730	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	28078	5.908	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	34935	5.307	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	98417	5.488	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	63854	5.437	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	63125	5.524	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	62541	5.499	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.995	75	5928	6.361	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	43364	5.184	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	33332	5.259	ug/L	99
71) Naphthalene	14.085	128	66559	5.121	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	34991	5.446	ug/L	98

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

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