

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053750.D
 Acq On : 18 Apr 2023 00:40
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: Apr 18 01:45:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	145889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	74934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53907	5.371	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.400%		
7) Chloroethane-d5	1.909	69	47209	5.183	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.600%		
11) 1,1-Dichloroethene-d2	2.565	65	18599	4.350	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 87.000%		
20) 2-Butanone-d5	4.623	46	122815	53.417	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 106.840%		
24) Chloroform-d	5.057	84	98134	5.274	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.400%		
26) 1,2-Dichloroethane-d4	5.697	65	49678	5.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.200%		
32) Benzene-d6	5.723	84	191193	4.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.800%		
36) 1,2-Dichloropropane-d6	6.687	67	60530	5.029	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.600%		
41) Toluene-d8	7.893	98	179324	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
43) trans-1,3-Dichloroprop...	8.176	79	24570	5.319	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.400%		
46) 2-Hexanone-d5	8.629	63	109445	58.335	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 116.660%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53875	5.377	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.600%		
66) 1,2-Dichlorobenzene-d4	12.189	152	72438	5.373	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	52181	4.984	ug/L	99
3) Chloromethane	1.520	50	52015	4.939	ug/L	99
5) Vinyl chloride	1.601	62	62443	5.258	ug/L	96
6) Bromomethane	1.855	94	35828	4.763	ug/L	96
8) Chloroethane	1.932	64	37727	5.465	ug/L	98
9) Trichlorofluoromethane	2.134	101	92893	5.180	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	51177	5.630	ug/L	93
12) 1,1-Dichloroethene	2.575	96	43694	5.290	ug/L	96
13) Acetone	2.636	43	64667	47.394	ug/L #	51
14) Carbon disulfide	2.790	76	101938	4.205	ug/L	99
15) Methyl Acetate	2.951	43	17191	5.371	ug/L	98
16) Methylene chloride	3.041	84	62311	5.744	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	108069	5.397	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	45534	5.307	ug/L	93
19) 1,1-Dichloroethane	3.864	63	83916	5.309	ug/L	96
21) 2-Butanone	4.703	43	107869	50.914	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	54026	4.674	ug/L	92
23) Bromochloromethane	4.970	128	24326	5.946	ug/L	93
25) Chloroform	5.083	83	95949	5.902	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	56048	5.504	ug/L #	92
29) 1,1,1-Trichloroethane	5.311	97	80210	5.829	ug/L	95
30) Cyclohexane	5.385	56	66368	4.527	ug/L	99
31) Carbon tetrachloride	5.520	117	67857	5.828	ug/L	99
33) Benzene	5.771	78	194050	5.196	ug/L	100
34) Trichloroethene	6.536	95	53568	5.386	ug/L	93
35) Methylcyclohexane	6.758	83	76612	4.489	ug/L	97
37) 1,2-Dichloropropane	6.787	63	51971	5.270	ug/L	99
38) Bromodichloromethane	7.102	83	63218	5.772	ug/L #	99
39) cis-1,3-Dichloropropene	7.604	75	70921	4.868	ug/L	96
40) 4-Methyl-2-pentanone	7.784	43	264566	54.826	ug/L	97
42) Toluene	7.967	91	213573	5.234	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	60405	5.096	ug/L	96
45) 1,1,2-Trichloroethane	8.395	97	39775	5.681	ug/L	91
47) Tetrachloroethene	8.549	164	41294	5.651	ug/L	97
48) 2-Hexanone	8.677	43	199249	55.842	ug/L	95
49) Dibromochloromethane	8.806	129	41570	6.004	ug/L	97
50) 1,2-Dibromoethane	8.919	107	38514	5.695	ug/L	96
51) Chlorobenzene	9.443	112	140153	5.445	ug/L	98
52) Ethylbenzene	9.565	91	233472	5.249	ug/L	98
53) m,p-Xylene	9.690	106	89335	5.269	ug/L	94
54) o-Xylene	10.095	106	85971	5.344	ug/L	98
55) Styrene	10.111	104	147627	5.588	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.777	83	48243	5.456	ug/L	94
59) Bromoform	10.288	173	21868	5.668	ug/L	97
60) Isopropylbenzene	10.481	105	233030	5.120	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	33748	5.436	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	189708	5.136	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	195094	5.158	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	115469	5.770	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	113842	5.666	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	109950	5.796	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	6765	5.619	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	81233	5.815	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	68376	6.156	ug/L	98
71) Naphthalene	14.082	128	120708	5.768	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	63310	6.530	ug/L	99

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

