

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050085.D
 Acq On : 05 Aug 2022 01:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Aug 05 05:00:04 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	94035	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	92909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39425	5.038	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.912	69	32647	5.171	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.400%		
11) 1,1-Dichloroethene-d2	2.565	65	15025	4.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.200%		
20) 2-Butanone-d5	4.636	46	114645	60.075	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 120.160%		
24) Chloroform-d	5.063	84	75820	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.200%		
26) 1,2-Dichloroethane-d4	5.703	65	38118	5.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.000%		
32) Benzene-d6	5.729	84	147584	5.090	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
36) 1,2-Dichloropropane-d6	6.690	67	48644	5.095	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.800%		
41) Toluene-d8	7.899	98	132855	5.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.800%		
43) trans-1,3-Dichloroprop...	8.179	79	16981	4.963	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.200%		
46) 2-Hexanone-d5	8.635	63	72062	59.394	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.780%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	44875	5.352	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	43631	5.056	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	45718	5.303	ug/L	97
3) Chloromethane	1.520	50	57224	5.074	ug/L	100
5) Vinyl chloride	1.600	62	53171	5.263	ug/L	97
6) Bromomethane	1.858	94	27211	4.219	ug/L	99
8) Chloroethane	1.932	64	31697	5.325	ug/L	99
9) Trichlorofluoromethane	2.137	101	58625	5.299	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	32689	5.311	ug/L	96
12) 1,1-Dichloroethene	2.578	96	33840	5.206	ug/L	90
13) Acetone	2.645	43	70147	66.003	ug/L	99
14) Carbon disulfide	2.790	76	118895	5.121	ug/L	100
15) Methyl Acetate	2.957	43	16017	5.520	ug/L	97
16) Methylene chloride	3.044	84	46412	4.673	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	88007	5.188	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	37968	5.217	ug/L	98
19) 1,1-Dichloroethane	3.870	63	73207	5.312	ug/L	99
21) 2-Butanone	4.716	43	119317	62.433	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	44506	5.510	ug/L	96
23) Bromochloromethane	4.976	128	20767	5.379	ug/L	96
25) Chloroform	5.089	83	76665	5.218	ug/L	99

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27) 1,2-Dichloroethane	5.796	62	46170	5.163	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	59806	5.247	ug/L	99
30) Cyclohexane	5.388	56	51958	5.232	ug/L	100
31) Carbon tetrachloride	5.526	117	49737	5.324	ug/L	99
33) Benzene	5.774	78	173134	5.319	ug/L	100
34) Trichloroethene	6.542	95	46360	5.889	ug/L	99
35) Methylcyclohexane	6.764	83	52577	5.173	ug/L	99
37) 1,2-Dichloropropane	6.793	63	45094	5.201	ug/L	100
38) Bromodichloromethane	7.108	83	54434	5.168	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	54142	4.785	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	271338	54.028	ug/L	99
42) Toluene	7.970	91	178064	5.454	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	47692	4.914	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	34538	5.329	ug/L	99
47) Tetrachloroethene	8.552	164	29482	5.226	ug/L	94
48) 2-Hexanone	8.687	43	210288	54.137	ug/L	98
49) Dibromochloromethane	8.809	129	37159	5.180	ug/L	99
50) 1,2-Dibromoethane	8.925	107	32502	5.530	ug/L	96
51) Chlorobenzene	9.446	112	106670	5.193	ug/L	96
52) Ethylbenzene	9.568	91	167514	5.258	ug/L	100
53) m,p-Xylene	9.693	106	64243	5.476	ug/L	100
54) o-Xylene	10.098	106	63720	5.441	ug/L	97
55) Styrene	10.115	104	108822	5.562	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	45103	5.296	ug/L	97
59) Bromoform	10.291	173	22010	4.983	ug/L	99
60) Isopropylbenzene	10.484	105	155820	5.297	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	30840	5.140	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	42075	5.063	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	118645	5.240	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	74763	5.043	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	73334	5.083	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	73720	5.135	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	6688	5.685	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	51660	4.891	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	39807	4.974	ug/L	99
71) Naphthalene	14.085	128	73694	4.491	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	40957	5.049	ug/L	99

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

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