

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053067.D
 Acq On : 11 Feb 2023 23:20
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Feb 12 22:53:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 12 22:49:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	114875	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	103655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	48322	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	23541	4.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.913	69	24081	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.566	65	10988	4.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.637	46	92910	55.125	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.240%
24) Chloroform-d	5.058	84	59817	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.698	65	30250	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.723	84	108926	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.688	67	37863	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.894	98	95112	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.177	79	14835	4.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.630	63	78244	53.661	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.320%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35679	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	35376	4.901	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	41005	4.862	ug/L	99
3) Chloromethane	1.518	50	42700	4.859	ug/L	98
5) Vinyl chloride	1.605	62	47974	4.955	ug/L	99
6) Bromomethane	1.859	94	25463	4.229	ug/L	99
8) Chloroethane	1.936	64	28300	4.964	ug/L	99
9) Trichlorofluoromethane	2.138	101	64542	4.839	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	35525	4.838	ug/L	99
12) 1,1-Dichloroethene	2.579	96	33815	4.976	ug/L	97
13) Acetone	2.659	43	51893	42.892	ug/L #	24
14) Carbon disulfide	2.791	76	104746	5.104	ug/L	98
15) Methyl Acetate	2.955	43	13398	4.536	ug/L #	74
16) Methylene chloride	3.042	84	37118	4.721	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	94974	5.147	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	35159	4.889	ug/L	100
19) 1,1-Dichloroethane	3.865	63	69409	5.125	ug/L	98
21) 2-Butanone	4.714	43	89447	50.046	ug/L	93
22) cis-1,2-Dichloroethene	4.662	96	41327	5.092	ug/L	98
23) Bromochloromethane	4.968	128	16749	5.211	ug/L	98
25) Chloroform	5.084	83	71175	5.027	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	46034	5.289	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	60585	4.893	ug/L	97
30) Cyclohexane	5.383	56	63032	5.091	ug/L	98
31) Carbon tetrachloride	5.521	117	51749	5.007	ug/L	99
33) Benzene	5.768	78	152528	5.107	ug/L	100
34) Trichloroethene	6.537	95	42091	5.008	ug/L	97
35) Methylcyclohexane	6.759	83	67286	4.945	ug/L	98
37) 1,2-Dichloropropane	6.788	63	41509	5.104	ug/L	99
38) Bromodichloromethane	7.100	83	52107	4.941	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	65253	5.030	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	221104	52.077	ug/L	100
42) Toluene	7.964	91	164444	5.068	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	53535	5.003	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	29116	4.969	ug/L	97
47) Tetrachloroethene	8.550	164	25835	4.729	ug/L	96
48) 2-Hexanone	8.681	43	159918	51.320	ug/L	99
49) Dibromochloromethane	8.804	129	32576	5.099	ug/L	99
50) 1,2-Dibromoethane	8.919	107	27679	5.119	ug/L	98
51) Chlorobenzene	9.444	112	99437	4.913	ug/L	99
52) Ethylbenzene	9.566	91	184271	5.005	ug/L	100
53) m,p-Xylene	9.688	106	69795	5.069	ug/L	99
54) o-Xylene	10.096	106	67987	5.094	ug/L	99
55) Styrene	10.109	104	110774	5.116	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	37589	5.070	ug/L	100
59) Bromoform	10.286	173	17839	5.079	ug/L	96
60) Isopropylbenzene	10.479	105	181064	5.179	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	24666	5.316	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	153063	5.184	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	155159	5.251	ug/L	100
64) 1,3-Dichlorobenzene	11.739	146	71419	5.045	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	71390	5.033	ug/L	99
67) 1,2-Dichlorobenzene	12.205	146	67118	5.084	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.993	75	6274	5.753	ug/L	99
69) 1,3,5-Trichlorobenzene	13.215	180	48847	4.844	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	41138	4.914	ug/L	98
71) Naphthalene	14.080	128	86461	5.149	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	36939	4.999	ug/L	99

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

