

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056109.D
 Acq On : 07 Nov 2023 19:25
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Nov 08 00:46:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	378988	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	367561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	184488	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	107971	4.590	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.904	69	84903	5.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.563	65	48973	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.618	46	190448	49.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.700%
24) Chloroform-d	5.055	84	213646	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	94471	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.721	84	432430	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.685	67	124757	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	402426	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.177	79	47212	4.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.627	63	165925	50.964	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	93102	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	139217	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	164610	5.121	ug/L	99
3) Chloromethane	1.515	50	150494	4.998	ug/L	98
5) Vinyl chloride	1.602	62	157032	5.042	ug/L	100
6) Bromomethane	1.849	94	79914	4.467	ug/L	100
8) Chloroethane	1.927	64	93722	5.550	ug/L	99
9) Trichlorofluoromethane	2.132	101	211832	5.142	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	136611	5.205	ug/L	98
12) 1,1-Dichloroethene	2.576	96	125319	5.145	ug/L	96
13) Acetone	2.621	43	140419	49.337	ug/L	100
14) Carbon disulfide	2.788	76	409593	4.935	ug/L	99
15) Methyl Acetate	2.946	43	41155	5.125	ug/L	100
16) Methylene chloride	3.039	84	142121	5.088	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	282709	5.152	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	131695	5.102	ug/L	96
19) 1,1-Dichloroethane	3.862	63	238672	5.069	ug/L	97
21) 2-Butanone	4.695	43	245285	52.258	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	143723	5.158	ug/L	97
23) Bromochloromethane	4.968	128	62652	5.068	ug/L	99
25) Chloroform	5.081	83	269808	5.378	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	145213	5.114	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	220332	5.233	ug/L	99
30) Cyclohexane	5.383	56	205158	5.215	ug/L	99
31) Carbon tetrachloride	5.518	117	194978	5.215	ug/L	98
33) Benzene	5.769	78	552726	5.252	ug/L	100
34) Trichloroethene	6.537	95	150127	5.222	ug/L	96
35) Methylcyclohexane	6.759	83	223454	5.230	ug/L	98
37) 1,2-Dichloropropane	6.785	63	139293	5.090	ug/L	100
38) Bromodichloromethane	7.100	83	179451	5.251	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	196571	5.089	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	640389	53.493	ug/L	99
42) Toluene	7.965	91	585443	5.277	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	158778	5.077	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	97617	5.217	ug/L	98
47) Tetrachloroethene	8.550	164	110420	5.118	ug/L	96
48) 2-Hexanone	8.679	43	467254	53.607	ug/L	99
49) Dibromochloromethane	8.804	129	111549	5.196	ug/L	98
50) 1,2-Dibromoethane	8.920	107	92921	5.315	ug/L	98
51) Chlorobenzene	9.441	112	367913	5.140	ug/L	99
52) Ethylbenzene	9.566	91	630397	5.214	ug/L	99
53) m,p-Xylene	9.692	106	244812	5.324	ug/L	97
54) o-Xylene	10.097	106	236972	5.376	ug/L	96
55) Styrene	10.110	104	398495	5.526	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	117081	5.325	ug/L	97
59) Bromoform	10.286	173	66071	5.157	ug/L	99
60) Isopropylbenzene	10.479	105	631802	5.282	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	80891	5.080	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	506384	5.220	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	499079	5.245	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	294415	5.197	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	288422	5.149	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	270984	5.191	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	17186	5.116	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	215090	5.069	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	174920	5.196	ug/L	99
71) Naphthalene	14.084	128	252734	5.062	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	154683	5.241	ug/L	99

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

