

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055107.D
 Acq On : 05 Sep 2023 20:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005108

Quant Time: Sep 06 02:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	183935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	104308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39106	4.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.907	69	46505	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.560	65	22580	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.627	46	143866	58.952	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.900%
24) Chloroform-d	5.061	84	115967	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.701	65	59918	5.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.724	84	226144	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.688	67	72978	5.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.897	98	207821	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.180	79	20520	5.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.630	63	93561	57.950	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.900%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56486	5.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	75481	4.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	51151	4.906	ug/L	97
3) Chloromethane	1.515	50	54141	5.101	ug/L	100
5) Vinyl chloride	1.599	62	59052	5.273	ug/L	98
6) Bromomethane	1.849	94	29824	4.416	ug/L	94
8) Chloroethane	1.927	64	36268	4.974	ug/L	99
9) Trichlorofluoromethane	2.132	101	83125	5.105	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46355	4.893	ug/L	99
12) 1,1-Dichloroethene	2.573	96	41441	4.996	ug/L	91
13) Acetone	2.631	43	83719	51.185	ug/L	97
14) Carbon disulfide	2.785	76	104893	5.163	ug/L	98
15) Methyl Acetate	2.952	43	21019	6.278	ug/L	97
16) Methylene chloride	3.039	84	55397	4.370	ug/L	99
17) Methyl tert-butyl Ether	3.364	73	121852	5.601	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	43385	5.155	ug/L	90
19) 1,1-Dichloroethane	3.865	63	95775	5.266	ug/L	98
21) 2-Butanone	4.705	43	137468	57.204	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	52205	5.067	ug/L	97
23) Bromochloromethane	4.971	128	22812	5.384	ug/L	98
25) Chloroform	5.087	83	99889	5.273	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	61890	5.353	ug/L #	95
29) 1,1,1-Trichloroethane	5.312	97	80421	5.055	ug/L	98
30) Cyclohexane	5.386	56	66802	4.722	ug/L	99
31) Carbon tetrachloride	5.521	117	68295	5.162	ug/L	98
33) Benzene	5.772	78	199284	5.091	ug/L	100
34) Trichloroethene	6.541	95	54620	5.020	ug/L	97
35) Methylcyclohexane	6.759	83	68783	4.506	ug/L	95
37) 1,2-Dichloropropane	6.788	63	57178	5.365	ug/L	99
38) Bromodichloromethane	7.103	83	68492	5.383	ug/L #	99
39) cis-1,3-Dichloropropene	7.608	75	72961	5.033	ug/L	93
40) 4-Methyl-2-pentanone	7.791	43	341690	56.204	ug/L	99
42) Toluene	7.968	91	211553	5.069	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	61023	5.363	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	40487	5.640	ug/L	96
47) Tetrachloroethene	8.553	164	36832	4.898	ug/L	97
48) 2-Hexanone	8.682	43	259549	54.505	ug/L	99
49) Dibromochloromethane	8.807	129	42186	5.383	ug/L	95
50) 1,2-Dibromoethane	8.923	107	37036	5.666	ug/L #	87
51) Chlorobenzene	9.447	112	138981	5.028	ug/L	98
52) Ethylbenzene	9.569	91	233104	4.993	ug/L	99
53) m,p-Xylene	9.695	106	85290	4.937	ug/L	96
54) o-Xylene	10.100	106	82936	4.878	ug/L	97
55) Styrene	10.113	104	144659	5.152	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.782	83	51118	5.717	ug/L	95
59) Bromoform	10.290	173	22640	5.432	ug/L	95
60) Isopropylbenzene	10.483	105	232988	4.790	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	37228	5.378	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	192128	4.748	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	178692	4.481	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	111304	4.767	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	109124	4.689	ug/L	97
67) 1,2-Dichlorobenzene	12.212	146	103328	4.720	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	6807	5.105	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.219	180	74234	4.207	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	58186	3.517	ug/L	97
71) Naphthalene	14.087	128	87896	2.923	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	51412	3.580	ug/L	98

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

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