

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051268.D
 Acq On : 08 Oct 2022 12:54
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

Quant Time: Oct 08 23:49:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	213730	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	230225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69858	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.912	69	61473	4.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.565	65	27810	4.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.639	46	156946	41.348	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.700%
24) Chloroform-d	5.063	84	139797	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.700	65	70167	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.726	84	261665	4.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.690	67	87562	4.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.896	98	242686	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.182	79	27148	3.842	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.636	63	89715	37.669	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.340%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	67728	3.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	78496	3.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	84880	4.868	ug/L	100
3) Chloromethane	1.517	50	108325	4.425	ug/L	98
5) Vinyl chloride	1.601	62	109667	4.567	ug/L	98
6) Bromomethane	1.855	94	54755	4.188	ug/L	97
8) Chloroethane	1.932	64	70351	4.594	ug/L	99
9) Trichlorofluoromethane	2.138	101	133299	4.816	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	76486	4.604	ug/L	98
12) 1,1-Dichloroethene	2.578	96	68558	4.399	ug/L	90
13) Acetone	2.655	43	124286	43.656	ug/L	98
14) Carbon disulfide	2.790	76	206915	4.334	ug/L	99
15) Methyl Acetate	2.957	43	29124	4.208	ug/L	99
16) Methylene chloride	3.044	84	114586	4.979	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	152600	4.274	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	72794	4.439	ug/L	97
19) 1,1-Dichloroethane	3.867	63	155362	4.591	ug/L	98
21) 2-Butanone	4.719	43	194872	43.433	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	80365	4.425	ug/L	97
23) Bromochloromethane	4.973	128	38093	4.396	ug/L	96
25) Chloroform	5.086	83	159960	4.526	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	97034	4.583	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	122467	4.440	ug/L	98
30) Cyclohexane	5.388	56	95613	4.087	ug/L	98
31) Carbon tetrachloride	5.523	117	103479	4.433	ug/L	97
33) Benzene	5.774	78	335754	4.368	ug/L	100
34) Trichloroethene	6.542	95	83339	4.347	ug/L	99
35) Methylcyclohexane	6.764	83	97601	4.035	ug/L	98
37) 1,2-Dichloropropane	6.790	63	93088	4.419	ug/L	100
38) Bromodichloromethane	7.105	83	114092	4.540	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	99000	3.910	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	466455	42.204	ug/L	99
42) Toluene	7.970	91	360149	4.415	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	90473	4.132	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	63770	4.311	ug/L	96
47) Tetrachloroethene	8.552	164	58082	4.120	ug/L	98
48) 2-Hexanone	8.687	43	372253	45.235	ug/L	96
49) Dibromochloromethane	8.809	129	71561	4.309	ug/L	94
50) 1,2-Dibromoethane	8.922	107	57785	4.389	ug/L	95
51) Chlorobenzene	9.446	112	216558	4.443	ug/L	100
52) Ethylbenzene	9.568	91	312210	4.259	ug/L	98
53) m,p-Xylene	9.693	106	123946	4.359	ug/L	97
54) o-Xylene	10.099	106	118699	4.412	ug/L	99
55) Styrene	10.115	104	211367	4.564	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	76847	4.197	ug/L	98
59) Bromoform	10.288	173	37910	4.001	ug/L	98
60) Isopropylbenzene	10.484	105	301339	4.178	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	56647	3.939	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	71746	3.749	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	207756	3.839	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	156230	4.379	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	154499	4.393	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	150321	4.334	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	11761	4.276	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	103038	4.190	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	75961	4.346	ug/L	97
71) Naphthalene	14.086	128	119307	3.672	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	75147	4.156	ug/L	99

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

