

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052237.D
 Acq On : 08 Dec 2022 10:10
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005097

Quant Time: Dec 08 10:46:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	248183	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	250693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	132716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	93121	3.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.916	69	78504	4.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.568	65	35418	4.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.639	46	241508	55.191	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.380%
24) Chloroform-d	5.063	84	167308	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.700	65	81528	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.726	84	335743	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.687	67	108649	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.896	98	303659	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.179	79	36519	4.351	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.632	63	197513	55.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.060%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	99483	4.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	111179	4.376	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	111565	5.183	ug/L	100
3) Chloromethane	1.523	50	128427	4.572	ug/L	99
5) Vinyl chloride	1.607	62	138576	5.134	ug/L	98
6) Bromomethane	1.861	94	43302	3.126	ug/L	100
8) Chloroethane	1.938	64	81722	4.869	ug/L	97
9) Trichlorofluoromethane	2.141	101	156990	5.287	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	98104	5.404	ug/L	99
12) 1,1-Dichloroethene	2.581	96	94288	5.237	ug/L	91
13) Acetone	2.655	43	171549	57.733	ug/L	100
14) Carbon disulfide	2.797	76	317086	5.088	ug/L	100
15) Methyl Acetate	2.957	43	39973	5.186	ug/L	99
16) Methylene chloride	3.047	84	122596	5.033	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	192265	4.770	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	98404	5.099	ug/L	98
19) 1,1-Dichloroethane	3.870	63	181185	5.209	ug/L	99
21) 2-Butanone	4.719	43	263780	55.386	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	104526	5.161	ug/L	98
23) Bromochloromethane	4.973	128	51231	5.287	ug/L	96
25) Chloroform	5.086	83	182273	5.171	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	111056	5.145	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	144833	5.207	ug/L	99
30) Cyclohexane	5.391	56	145335	5.381	ug/L	98
31) Carbon tetrachloride	5.523	117	125216	5.298	ug/L	100
33) Benzene	5.774	78	420586	5.155	ug/L	100
34) Trichloroethene	6.542	95	101476	4.987	ug/L	96
35) Methylcyclohexane	6.761	83	157722	5.388	ug/L	99
37) 1,2-Dichloropropane	6.790	63	109914	5.203	ug/L	100
38) Bromodichloromethane	7.105	83	132615	5.149	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	130490	4.811	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	598257	54.218	ug/L	100
42) Toluene	7.967	91	448661	5.346	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	116221	5.004	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	82745	5.212	ug/L	98
47) Tetrachloroethene	8.552	164	81724	5.240	ug/L	97
48) 2-Hexanone	8.684	43	461250	57.019	ug/L	100
49) Dibromochloromethane	8.809	129	93985	5.286	ug/L	97
50) 1,2-Dibromoethane	8.922	107	76349	5.280	ug/L #	100
51) Chlorobenzene	9.446	112	278563	5.206	ug/L	99
52) Ethylbenzene	9.568	91	428872	5.257	ug/L	100
53) m,p-Xylene	9.693	106	170532	5.398	ug/L	96
54) o-Xylene	10.099	106	163326	5.394	ug/L	96
55) Styrene	10.111	104	286453	5.601	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	105717	5.332	ug/L	98
59) Bromoform	10.288	173	55562	5.083	ug/L	97
60) Isopropylbenzene	10.481	105	427126	5.124	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	72405	4.767	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	319378	4.793	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	327317	4.948	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	219451	5.156	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	218701	5.152	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	211212	5.153	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	14726	4.430	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	154399	5.115	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	118111	5.139	ug/L	99
71) Naphthalene	14.086	128	194296	4.503	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	116033	5.131	ug/L	99

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

