

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052366.D
 Acq On : 12 Dec 2022 20:28
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005104

Quant Time: Dec 13 01:07:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	262410	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	260170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	142787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	98985	3.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.916	69	84774	4.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.568	65	39344	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.636	46	288646	62.387	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.780%
24) Chloroform-d	5.060	84	184207	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.700	65	92456	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.726	84	371314	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.687	67	119459	4.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.896	98	348667	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.176	79	41555	4.771	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.629	63	237770	64.410	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	112196	5.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	129072	4.721	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	114491	5.031	ug/L	99
3) Chloromethane	1.520	50	122499	4.124	ug/L	99
5) Vinyl chloride	1.607	62	139421	4.885	ug/L	86
6) Bromomethane	1.861	94	36448	2.489	ug/L	100
8) Chloroethane	1.938	64	87944	4.956	ug/L	97
9) Trichlorofluoromethane	2.141	101	159407	5.078	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	96849	5.046	ug/L	98
12) 1,1-Dichloroethene	2.581	96	97296	5.111	ug/L	90
13) Acetone	2.652	43	184636	58.768	ug/L	100
14) Carbon disulfide	2.797	76	318990	4.841	ug/L	99
15) Methyl Acetate	2.957	43	44804	5.498	ug/L	95
16) Methylene chloride	3.047	84	156727	6.086	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	219969	5.162	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	103087	5.052	ug/L	96
19) 1,1-Dichloroethane	3.867	63	186659	5.075	ug/L	98
21) 2-Butanone	4.716	43	309068	61.377	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	109787	5.127	ug/L	98
23) Bromochloromethane	4.973	128	52966	5.169	ug/L	92
25) Chloroform	5.086	83	192903	5.176	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	117628	5.154	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	152922	5.298	ug/L	99
30) Cyclohexane	5.388	56	153571	5.479	ug/L	97
31) Carbon tetrachloride	5.523	117	128883	5.255	ug/L	100
33) Benzene	5.771	78	448220	5.294	ug/L	100
34) Trichloroethene	6.539	95	107431	5.087	ug/L	98
35) Methylcyclohexane	6.761	83	160172	5.272	ug/L	99
37) 1,2-Dichloropropane	6.787	63	116978	5.336	ug/L	99
38) Bromodichloromethane	7.102	83	138263	5.173	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	138785	4.931	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	704340	61.506	ug/L	100
42) Toluene	7.967	91	473064	5.432	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	121819	5.054	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	90076	5.468	ug/L	98
47) Tetrachloroethene	8.552	164	83876	5.182	ug/L	97
48) 2-Hexanone	8.681	43	535878	63.831	ug/L	99
49) Dibromochloromethane	8.806	129	99938	5.416	ug/L	96
50) 1,2-Dibromoethane	8.922	107	82237	5.480	ug/L	98
51) Chlorobenzene	9.443	112	292808	5.273	ug/L	99
52) Ethylbenzene	9.568	91	457118	5.399	ug/L	100
53) m,p-Xylene	9.690	106	183356	5.592	ug/L	98
54) o-Xylene	10.099	106	175449	5.583	ug/L	99
55) Styrene	10.111	104	303661	5.721	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	118083	5.739	ug/L	99
59) Bromoform	10.285	173	59412	5.052	ug/L	97
60) Isopropylbenzene	10.481	105	455363	5.077	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	81383	4.980	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	348297	4.858	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	353017	4.960	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	233684	5.103	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	230030	5.036	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	222361	5.042	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	18561	5.190	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	166282	5.121	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	133150	5.384	ug/L	99
71) Naphthalene	14.082	128	242443	5.222	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	132447	5.444	ug/L	97

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

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