

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052287.D
 Acq On : 09 Dec 2022 07:04
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005099

Quant Time: Dec 09 07:22:12 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	6.247	114	227074	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	127265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87394	3.957	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.916	69	78132	4.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.568	65	35010	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.639	46	276798	69.136	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.280%#
24) Chloroform-d	5.063	84	175458	5.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.700	65	88399	5.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.726	84	343912	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.687	67	114105	5.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.896	98	305188	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.176	79	37377	4.773	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.632	63	214750	64.708	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.420%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	110078	5.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	118148	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	92319	4.688	ug/L	99
3) Chloromethane	1.523	50	126701	4.929	ug/L	100
5) Vinyl chloride	1.607	62	123261	4.991	ug/L	98
6) Bromomethane	1.861	94	46999	3.709	ug/L	100
8) Chloroethane	1.938	64	77285	5.033	ug/L	96
9) Trichlorofluoromethane	2.141	101	132390	4.873	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	82120	4.944	ug/L	98
12) 1,1-Dichloroethene	2.581	96	86626	5.259	ug/L	91
13) Acetone	2.662	43	169208	62.238	ug/L	99
14) Carbon disulfide	2.797	76	280748	4.923	ug/L	98
15) Methyl Acetate	2.961	43	43179	6.123	ug/L	97
16) Methylene chloride	3.047	84	107929	4.843	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	191124	5.183	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	91666	5.191	ug/L	97
19) 1,1-Dichloroethane	3.867	63	172487	5.420	ug/L	99
21) 2-Butanone	4.719	43	280667	64.410	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	108016	5.829	ug/L	99
23) Bromochloromethane	4.973	128	50430	5.688	ug/L	97
25) Chloroform	5.086	83	172817	5.359	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	109736	5.556	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	133009	5.125	ug/L	100
30) Cyclohexane	5.388	56	119409	4.739	ug/L	99
31) Carbon tetrachloride	5.523	117	109836	4.981	ug/L	99
33) Benzene	5.774	78	401080	5.269	ug/L	100
34) Trichloroethene	6.539	95	182966	9.637	ug/L	97
35) Methylcyclohexane	6.761	83	121960	4.465	ug/L	98
37) 1,2-Dichloropropane	6.787	63	106749	5.416	ug/L	99
38) Bromodichloromethane	7.102	83	128559	5.350	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	119861	4.737	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	628542	61.052	ug/L	100
42) Toluene	7.967	91	426149	5.442	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	106405	4.910	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	80944	5.465	ug/L	97
47) Tetrachloroethene	8.549	164	72346	4.972	ug/L	98
48) 2-Hexanone	8.684	43	486146	64.411	ug/L	99
49) Dibromochloromethane	8.806	129	90196	5.437	ug/L	95
50) 1,2-Dibromoethane	8.922	107	75862	5.623	ug/L	98
51) Chlorobenzene	9.443	112	260111	5.210	ug/L	99
52) Ethylbenzene	9.568	91	389459	5.116	ug/L	100
53) m,p-Xylene	9.690	106	157044	5.328	ug/L	97
54) o-Xylene	10.095	106	149915	5.306	ug/L	97
55) Styrene	10.111	104	266140	5.577	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	108060	5.842	ug/L	98
59) Bromoform	10.288	173	53462	5.100	ug/L	98
60) Isopropylbenzene	10.481	105	377016	4.716	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	74261	5.098	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	279636	4.376	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	286168	4.511	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	204009	4.998	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	204855	5.032	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	197512	5.025	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15634	4.905	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	135696	4.688	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	106399	4.827	ug/L	100
71) Naphthalene	14.082	128	188161	4.547	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	109444	5.047	ug/L	99

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

