

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052262.D
 Acq On : 08 Dec 2022 20:33
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005098

Quant Time: Dec 08 21:58:11 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	246967	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	243529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	134811	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93827	3.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.916	69	79765	4.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.568	65	36645	4.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.636	46	250801	57.597	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.200%
24) Chloroform-d	5.060	84	165479	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.700	65	83278	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.726	84	334096	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.687	67	108002	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.896	98	295025	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.176	79	34559	4.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.632	63	195454	56.565	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	102143	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	109985	4.261	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	107876	5.036	ug/L	99
3) Chloromethane	1.523	50	130212	4.658	ug/L	99
5) Vinyl chloride	1.607	62	135258	5.036	ug/L	99
6) Bromomethane	1.861	94	42769	3.103	ug/L	99
8) Chloroethane	1.938	64	80628	4.828	ug/L	93
9) Trichlorofluoromethane	2.141	101	152857	5.173	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	94446	5.228	ug/L	98
12) 1,1-Dichloroethene	2.581	96	93808	5.236	ug/L	89
13) Acetone	2.652	43	164032	55.475	ug/L	100
14) Carbon disulfide	2.797	76	312588	5.040	ug/L	99
15) Methyl Acetate	2.957	43	41646	5.430	ug/L	99
16) Methylene chloride	3.047	84	117406	4.844	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	191855	4.784	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	96737	5.037	ug/L	98
19) 1,1-Dichloroethane	3.867	63	180835	5.225	ug/L	98
21) 2-Butanone	4.713	43	274598	57.941	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	103688	5.144	ug/L	95
23) Bromochloromethane	4.973	128	49662	5.150	ug/L	90
25) Chloroform	5.086	83	180755	5.154	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	112176	5.222	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	142917	5.289	ug/L	98
30) Cyclohexane	5.388	56	140429	5.353	ug/L	99
31) Carbon tetrachloride	5.523	117	121503	5.292	ug/L	99
33) Benzene	5.774	78	423851	5.348	ug/L	100
34) Trichloroethene	6.539	95	99824	5.050	ug/L	98
35) Methylcyclohexane	6.761	83	147045	5.171	ug/L	98
37) 1,2-Dichloropropane	6.787	63	110281	5.374	ug/L	99
38) Bromodichloromethane	7.102	83	131559	5.259	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	125433	4.761	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	617769	57.633	ug/L	99
42) Toluene	7.967	91	440358	5.401	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	108974	4.830	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	81158	5.263	ug/L	96
47) Tetrachloroethene	8.549	164	78610	5.189	ug/L	97
48) 2-Hexanone	8.681	43	462677	58.878	ug/L	99
49) Dibromochloromethane	8.806	129	92559	5.359	ug/L	98
50) 1,2-Dibromoethane	8.922	107	76333	5.434	ug/L #	96
51) Chlorobenzene	9.443	112	273959	5.271	ug/L	100
52) Ethylbenzene	9.568	91	419108	5.288	ug/L	100
53) m,p-Xylene	9.690	106	167757	5.466	ug/L	98
54) o-Xylene	10.099	106	159142	5.410	ug/L	98
55) Styrene	10.111	104	278556	5.607	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	106368	5.523	ug/L	98
59) Bromoform	10.285	173	53910	4.855	ug/L	96
60) Isopropylbenzene	10.481	105	416418	4.918	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	71545	4.637	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	313134	4.626	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	318500	4.740	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	214857	4.969	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	215785	5.004	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	203745	4.893	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	16545	4.900	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	149134	4.864	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	117005	5.011	ug/L	99
71) Naphthalene	14.082	128	198972	4.539	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	112504	4.898	ug/L	98

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

