

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051582.D
 Acq On : 28 Oct 2022 21:17
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005187

Quant Time: Oct 28 22:55:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:38:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	226869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79400	4.728	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.912	69	85259	4.868	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.565	65	29479	4.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.636	46	315445	51.871	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.740%
24) Chloroform-d	5.060	84	194122	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.703	65	100377	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.726	84	349378	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.690	67	124050	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.896	98	283672	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.179	79	36399	4.755	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.632	63	246901	53.582	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.160%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	114465	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	104296	4.795	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	133931	5.493	ug/L	100
3) Chloromethane	1.527	50	154442	5.025	ug/L	97
5) Vinyl chloride	1.601	62	156760	5.324	ug/L	97
6) Bromomethane	1.858	94	44509	3.188	ug/L	96
8) Chloroethane	1.932	64	97684	5.464	ug/L	99
9) Trichlorofluoromethane	2.138	101	174295	5.393	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	105542	5.554	ug/L	98
12) 1,1-Dichloroethene	2.578	96	102792	5.303	ug/L	97
13) Acetone	2.652	43	161541	52.353	ug/L	100
14) Carbon disulfide	2.790	76	329687	5.276	ug/L	99
15) Methyl Acetate	2.957	43	41315	5.114	ug/L	98
16) Methylene chloride	3.044	84	140557	4.427	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	228844	5.149	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	110657	5.320	ug/L	98
19) 1,1-Dichloroethane	3.867	63	203450	5.302	ug/L	98
21) 2-Butanone	4.716	43	262371	54.298	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	120499	5.235	ug/L	97
23) Bromochloromethane	4.973	128	54639	5.077	ug/L	96
25) Chloroform	5.086	83	209626	5.266	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	123350	5.036	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	166383	5.402	ug/L	99
30) Cyclohexane	5.388	56	154515	5.448	ug/L	98
31) Carbon tetrachloride	5.523	117	141164	5.358	ug/L	99
33) Benzene	5.771	78	478375	5.343	ug/L	100
34) Trichloroethene	6.539	95	112660	5.214	ug/L	99
35) Methylcyclohexane	6.761	83	157539	5.274	ug/L	99
37) 1,2-Dichloropropane	6.790	63	122848	5.335	ug/L	99
38) Bromodichloromethane	7.105	83	146506	5.209	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	149860	5.073	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	635330	55.007	ug/L	100
42) Toluene	7.967	91	507474	5.519	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	129304	5.237	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	87388	5.179	ug/L	99
47) Tetrachloroethene	8.552	164	86293	5.215	ug/L	94
48) 2-Hexanone	8.684	43	477210	55.819	ug/L	99
49) Dibromochloromethane	8.806	129	99153	5.144	ug/L	98
50) 1,2-Dibromoethane	8.922	107	80579	5.293	ug/L	95
51) Chlorobenzene	9.446	112	302366	5.225	ug/L	100
52) Ethylbenzene	9.568	91	471062	5.310	ug/L	100
53) m,p-Xylene	9.690	106	189379	5.496	ug/L	99
54) o-Xylene	10.099	106	183494	5.449	ug/L	96
55) Styrene	10.111	104	315592	5.605	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	111413	5.325	ug/L	99
59) Bromoform	10.288	173	54175	4.948	ug/L	98
60) Isopropylbenzene	10.481	105	466625	5.394	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	77248	5.041	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	115850	4.974	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	341470	5.085	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	223595	5.191	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	219717	5.088	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	212127	5.056	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	16081	5.096	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	149467	4.869	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	111216	4.719	ug/L	98
71) Naphthalene	14.082	128	189373	4.304	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	113477	4.768	ug/L	99

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

