

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051561.D
 Acq On : 28 Oct 2022 00:18
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Quant Time: Oct 28 00:32:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	266504	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	259750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	129882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89535	4.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.909	69	86716	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.562	65	33820	3.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.626	46	259802	54.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	5.063	84	185143	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.700	65	94138	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.726	84	360421	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.690	67	117556	4.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.896	98	301089	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.179	79	34872	4.374	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.632	63	212263	78.992	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	157.980%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	102473	5.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	103089	4.567	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	135213	6.220	ug/L	98
3) Chloromethane	1.526	50	163196	5.346	ug/L	98
5) Vinyl chloride	1.600	62	161519	5.395	ug/L	99
6) Bromomethane	1.854	94	100728	6.178	ug/L	98
8) Chloroethane	1.928	64	93909	4.918	ug/L	99
9) Trichlorofluoromethane	2.134	101	173741	5.034	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	101117	4.882	ug/L	99
12) 1,1-Dichloroethene	2.578	96	104454	5.374	ug/L	85
13) Acetone	2.636	43	153694	43.296	ug/L	95
14) Carbon disulfide	2.790	76	338170	5.681	ug/L	100
15) Methyl Acetate	2.951	43	41155	4.769	ug/L	95
16) Methylene chloride	3.044	84	139262	4.853	ug/L	94
17) Methyl tert-butyl Ether	3.362	73	241366	5.422	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	112149	5.485	ug/L	94
19) 1,1-Dichloroethane	3.867	63	207757	4.924	ug/L	99
21) 2-Butanone	4.706	43	263137	47.034	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	124497	5.497	ug/L	93
23) Bromochloromethane	4.973	128	56223	5.203	ug/L	93
25) Chloroform	5.086	83	209832	4.761	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	127500	4.830	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	168422	5.412	ug/L	97
30) Cyclohexane	5.385	56	159833	6.055	ug/L	99
31) Carbon tetrachloride	5.523	117	141925	5.389	ug/L	98
33) Benzene	5.771	78	499570	5.761	ug/L	100
34) Trichloroethene	6.539	95	116526	5.387	ug/L	95
35) Methylcyclohexane	6.761	83	162765	5.964	ug/L	95
37) 1,2-Dichloropropane	6.790	63	125156	5.266	ug/L	100
38) Bromodichloromethane	7.105	83	149349	5.268	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	151989	5.320	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	641345	51.432	ug/L	96
42) Toluene	7.967	91	528529	5.742	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	127148	5.147	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	87952	5.271	ug/L	95
47) Tetrachloroethene	8.552	164	90725	5.704	ug/L	92
48) 2-Hexanone	8.684	43	472650	50.907	ug/L	98
49) Dibromochloromethane	8.809	129	100048	5.339	ug/L	100
50) 1,2-Dibromoethane	8.922	107	81904	5.514	ug/L	97
51) Chlorobenzene	9.446	112	311564	5.665	ug/L	99
52) Ethylbenzene	9.568	91	492827	5.958	ug/L	98
53) m,p-Xylene	9.693	106	198336	6.183	ug/L	95
54) o-Xylene	10.098	106	191671	6.315	ug/L	96
55) Styrene	10.111	104	327832	6.274	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	109671	5.309	ug/L	98
59) Bromoform	10.288	173	56157	5.197	ug/L	99
60) Isopropylbenzene	10.481	105	477893	5.809	ug/L	98
61) 1,2,3-Trichloropropane	10.822	75	76422	4.660	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	125463	5.749	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	369206	5.982	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	225994	5.554	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	222083	5.537	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	215581	5.450	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	16138	5.144	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	154059	5.493	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	115604	5.799	ug/L	97
71) Naphthalene	14.085	128	210480	5.680	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	116961	5.672	ug/L	99

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

