

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052523.D
 Acq On : 23 Dec 2022 04:21
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

Quant Time: Dec 23 06:46:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	233355	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	220067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86729	3.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.916	69	80506	3.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.568	65	37145	3.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.649	46	385015	52.517	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.040%
24) Chloroform-d	5.060	84	166011	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.700	65	97682	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.726	84	340263	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.687	67	117772	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.893	98	298692	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.176	79	42541	4.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.632	63	284494	58.469	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.940%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	104005	4.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	108564	4.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	77659	3.740	ug/L	100
3) Chloromethane	1.520	50	124375	4.150	ug/L	99
5) Vinyl chloride	1.604	62	113211	4.167	ug/L	98
6) Bromomethane	1.858	94	61038	3.941	ug/L	99
8) Chloroethane	1.935	64	74828	4.021	ug/L	99
9) Trichlorofluoromethane	2.141	101	121893	3.968	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	71373	3.909	ug/L	98
12) 1,1-Dichloroethene	2.581	96	73832	4.225	ug/L	90
13) Acetone	2.674	43	220212	40.746	ug/L	97
14) Carbon disulfide	2.793	76	235093	4.175	ug/L	99
15) Methyl Acetate	2.964	43	57168	4.801	ug/L	96
16) Methylene chloride	3.044	84	116308	4.711	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	237972	5.101	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	82643	4.588	ug/L	97
19) 1,1-Dichloroethane	3.867	63	173638	4.433	ug/L	99
21) 2-Butanone	4.726	43	403771	50.728	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	94229	4.767	ug/L	99
23) Bromochloromethane	4.973	128	43009	4.695	ug/L	95
25) Chloroform	5.086	83	165997	4.374	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	117218	4.470	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	126991	4.585	ug/L	97
30) Cyclohexane	5.385	56	140507	4.694	ug/L	100
31) Carbon tetrachloride	5.520	117	102334	4.205	ug/L	99
33) Benzene	5.771	78	381004	4.807	ug/L	100
34) Trichloroethene	6.539	95	90126	4.864	ug/L	98
35) Methylcyclohexane	6.761	83	127942	4.579	ug/L	96
37) 1,2-Dichloropropane	6.787	63	105575	4.773	ug/L	100
38) Bromodichloromethane	7.102	83	122022	4.533	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	137659	4.914	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	892389	55.210	ug/L	97
42) Toluene	7.967	91	380539	5.007	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	121571	4.925	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	76060	4.855	ug/L	99
47) Tetrachloroethene	8.549	164	63485	4.908	ug/L	99
48) 2-Hexanone	8.684	43	669094	54.917	ug/L	98
49) Dibromochloromethane	8.806	129	80151	4.832	ug/L	99
50) 1,2-Dibromoethane	8.922	107	71012	4.987	ug/L	98
51) Chlorobenzene	9.443	112	236578	4.875	ug/L	99
52) Ethylbenzene	9.565	91	399250	5.076	ug/L	99
53) m,p-Xylene	9.690	106	151212	5.214	ug/L	98
54) o-Xylene	10.095	106	149587	5.380	ug/L	99
55) Styrene	10.111	104	257558	5.325	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	108272	5.000	ug/L	98
59) Bromoform	10.285	173	46912	4.725	ug/L	100
60) Isopropylbenzene	10.478	105	382741	5.226	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	75910	4.684	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	319456	5.288	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	327738	5.389	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	175226	4.822	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	182431	4.854	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	173039	4.819	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	17299	4.715	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	128786	4.813	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	115385	5.124	ug/L	98
71) Naphthalene	14.082	128	245960	5.399	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	113928	5.048	ug/L	100

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

