

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122122\
 Data File : VU052467.D
 Acq On : 21 Dec 2022 09:33
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005111

Quant Time: Dec 22 00:25:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:39:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	173837	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	165763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85609	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	89531	5.084	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.916	69	75913	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.568	65	38026	5.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.649	46	265095	48.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.080%
24) Chloroform-d	5.060	84	148856	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.700	65	82994	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.726	84	295399	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.687	67	99451	5.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.896	98	260565	5.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	8.176	79	34378	5.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.633	63	193608	52.825	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.660%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	85264	5.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	88056	5.052	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	78025	5.044	ug/L	100
3) Chloromethane	1.520	50	106061	4.750	ug/L	98
5) Vinyl chloride	1.604	62	102119	5.046	ug/L	99
6) Bromomethane	1.861	94	56253	4.875	ug/L	100
8) Chloroethane	1.935	64	63047	4.548	ug/L	98
9) Trichlorofluoromethane	2.141	101	115588	5.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	67789	4.984	ug/L	98
12) 1,1-Dichloroethene	2.581	96	66584	5.114	ug/L	96
13) Acetone	2.681	43	164349	40.821	ug/L	76
14) Carbon disulfide	2.793	76	214327	5.109	ug/L	99
15) Methyl Acetate	2.964	43	41545	4.684	ug/L	100
16) Methylene chloride	3.048	84	85123	4.629	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	174543	5.022	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	68440	5.101	ug/L	96
19) 1,1-Dichloroethane	3.867	63	145687	4.993	ug/L	99
21) 2-Butanone	4.729	43	279548	47.146	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	74835	5.082	ug/L	97
23) Bromochloromethane	4.977	128	34788	5.098	ug/L	97
25) Chloroform	5.086	83	140011	4.952	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	97179	4.975	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	109257	5.237	ug/L	99
30) Cyclohexane	5.388	56	120278	5.335	ug/L	98
31) Carbon tetrachloride	5.523	117	94480	5.153	ug/L	98
33) Benzene	5.771	78	312996	5.242	ug/L	100
34) Trichloroethene	6.539	95	71431	5.118	ug/L	99
35) Methylcyclohexane	6.761	83	107986	5.130	ug/L	98
37) 1,2-Dichloropropane	6.790	63	88084	5.287	ug/L	99
38) Bromodichloromethane	7.102	83	101825	5.021	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	105341	4.992	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	638168	52.416	ug/L	98
42) Toluene	7.967	91	310857	5.430	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	94431	5.078	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	60259	5.107	ug/L	98
47) Tetrachloroethene	8.552	164	50195	5.152	ug/L	97
48) 2-Hexanone	8.684	43	477800	52.063	ug/L	99
49) Dibromochloromethane	8.806	129	66051	5.286	ug/L	97
50) 1,2-Dibromoethane	8.922	107	55290	5.154	ug/L	96
51) Chlorobenzene	9.443	112	188238	5.149	ug/L	99
52) Ethylbenzene	9.568	91	307273	5.187	ug/L	99
53) m,p-Xylene	9.690	106	118720	5.435	ug/L	96
54) o-Xylene	10.099	106	113096	5.401	ug/L	99
55) Styrene	10.112	104	204122	5.603	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	84407	5.174	ug/L #	98
59) Bromoform	10.288	173	36740	4.885	ug/L	98
60) Isopropylbenzene	10.481	105	300807	5.421	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	59594	4.853	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	239081	5.224	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	242427	5.262	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	141654	5.145	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	141940	4.985	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	137671	5.061	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13286	4.780	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	98870	4.877	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	82244	4.821	ug/L	97
71) Naphthalene	14.082	128	154941	4.489	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	82358	4.817	ug/L	100

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

