

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051722.D
 Acq On : 03 Nov 2022 05:14
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

Quant Time: Nov 03 05:32:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	180298	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190736	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69049	5.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.912	69	61345	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.565	65	27859	5.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.000%
20) 2-Butanone-d5	4.620	46	171009	34.773	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.540%
24) Chloroform-d	5.060	84	144080	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	71678	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.726	84	273182	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.690	67	88111	4.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.896	98	249319	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	8.179	79	27910	4.337	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.629	63	146254	37.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.500%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	80349	4.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	90539	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	108611	5.508	ug/L	99
3) Chloromethane	1.523	50	115004	4.627	ug/L	100
5) Vinyl chloride	1.604	62	132168	5.551	ug/L	# 69
6) Bromomethane	1.855	94	48269	4.276	ug/L	95
8) Chloroethane	1.932	64	83708	5.790	ug/L	94
9) Trichlorofluoromethane	2.138	101	149514	5.720	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	87620	5.702	ug/L	97
12) 1,1-Dichloroethene	2.578	96	85698	5.467	ug/L	95
13) Acetone	2.620	43	138979	55.698	ug/L	99
14) Carbon disulfide	2.793	76	275599	5.454	ug/L	100
15) Methyl Acetate	2.948	43	36094	5.525	ug/L	97
16) Methylene chloride	3.044	84	114311	4.452	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	198122	5.512	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	93095	5.534	ug/L	99
19) 1,1-Dichloroethane	3.867	63	177976	5.736	ug/L	99
21) 2-Butanone	4.697	43	230728	59.047	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	104583	5.619	ug/L	99
23) Bromochloromethane	4.970	128	48974	5.627	ug/L	96
25) Chloroform	5.086	83	183834	5.711	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	109560	5.531	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	145068	5.602	ug/L	99
30) Cyclohexane	5.388	56	123496	5.179	ug/L	99
31) Carbon tetrachloride	5.523	117	124454	5.619	ug/L	98
33) Benzene	5.771	78	411499	5.467	ug/L	100
34) Trichloroethene	6.539	95	99315	5.467	ug/L	97
35) Methylcyclohexane	6.761	83	126522	5.038	ug/L	99
37) 1,2-Dichloropropane	6.790	63	109796	5.671	ug/L	100
38) Bromodichloromethane	7.105	83	130886	5.535	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	121726	4.901	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	559459	57.614	ug/L	99
42) Toluene	7.967	91	434202	5.617	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	107112	5.160	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	81075	5.715	ug/L	99
47) Tetrachloroethene	8.552	164	74609	5.363	ug/L	93
48) 2-Hexanone	8.681	43	413981	57.596	ug/L	99
49) Dibromochloromethane	8.806	129	89179	5.503	ug/L	99
50) 1,2-Dibromoethane	8.922	107	71964	5.623	ug/L	94
51) Chlorobenzene	9.446	112	265873	5.465	ug/L	98
52) Ethylbenzene	9.568	91	406982	5.456	ug/L	99
53) m,p-Xylene	9.690	106	162721	5.617	ug/L	96
54) o-Xylene	10.099	106	157450	5.561	ug/L	100
55) Styrene	10.111	104	273889	5.786	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	102262	5.813	ug/L	99
59) Bromoform	10.288	173	51338	5.180	ug/L	99
60) Isopropylbenzene	10.481	105	406654	5.194	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	70050	5.051	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	101303	4.806	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	291684	4.799	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	203760	5.227	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	201407	5.153	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	195438	5.147	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14717	5.153	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	139571	5.023	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	108967	5.109	ug/L	99
71) Naphthalene	14.082	128	177357	4.454	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	108609	5.042	ug/L	99

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

