

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
 Data File : VU046700.D
 Acq On : 08 Jan 2022 11:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Jan 10 00:22:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 07 03:14:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85561	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	30059	4.460	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.912	69	24922	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.565	65	12802	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.652	46	101751	52.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.100%
24) Chloroform-d	5.060	84	63724	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.703	65	36136	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.726	84	121050	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.690	67	36798	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.899	98	109287	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.182	79	16716	4.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.639	63	101534	50.404	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39917	5.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	41911	4.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	56303	4.300	ug/L	100
3) Chloromethane	1.517	50	39860	3.535	ug/L	99
5) Vinyl chloride	1.600	62	42538	3.832	ug/L	100
6) Bromomethane	1.858	94	25697	3.846	ug/L	98
8) Chloroethane	1.932	64	26628	4.086	ug/L	97
9) Trichlorofluoromethane	2.137	101	69068	4.757	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	40394	5.465	ug/L	97
12) 1,1-Dichloroethene	2.578	96	34126	4.534	ug/L	78
13) Acetone	2.684	43	90741	49.509	ug/L	74
14) Carbon disulfide	2.793	76	76826	3.125	ug/L	99
15) Methyl Acetate	2.964	43	18562	5.014	ug/L	94
16) Methylene chloride	3.044	84	51652	5.640	ug/L	93
17) Methyl tert-butyl Ether	3.359	73	110047	5.012	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	35567	4.430	ug/L	95
19) 1,1-Dichloroethane	3.867	63	71901	4.861	ug/L	99
21) 2-Butanone	4.732	43	146812	52.797	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	42244	4.813	ug/L	96
23) Bromochloromethane	4.977	128	21243	4.863	ug/L	89
25) Chloroform	5.086	83	81202	5.082	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	53963	4.731	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	68667	4.689	ug/L	98
30) Cyclohexane	5.388	56	49854	4.115	ug/L	94
31) Carbon tetrachloride	5.526	117	58297	4.744	ug/L	99
33) Benzene	5.774	78	159339	4.528	ug/L	100
34) Trichloroethene	6.542	95	41392	4.462	ug/L	98
35) Methylcyclohexane	6.764	83	58912	4.504	ug/L	95
37) 1,2-Dichloropropane	6.790	63	43448	4.841	ug/L #	97
38) Bromodichloromethane	7.105	83	60181	4.844	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	63606	4.681	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	328878	48.812	ug/L	94
42) Toluene	7.970	91	177955	4.927	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	59757	4.746	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	38983	5.036	ug/L	97
47) Tetrachloroethene	8.555	164	31732	4.834	ug/L	93
48) 2-Hexanone	8.690	43	248166	49.319	ug/L	97
49) Dibromochloromethane	8.812	129	45330	5.077	ug/L	98
50) 1,2-Dibromoethane	8.925	107	36236	4.850	ug/L #	98
51) Chlorobenzene	9.449	112	116031	5.026	ug/L	98
52) Ethylbenzene	9.571	91	188573	5.044	ug/L	99
53) m,p-Xylene	9.693	106	74322	5.189	ug/L	97
54) o-Xylene	10.102	106	72895	5.297	ug/L	98
55) Styrene	10.115	104	131545	5.511	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	51340	5.075	ug/L	97
59) Bromoform	10.291	173	28349	4.836	ug/L	98
60) Isopropylbenzene	10.484	105	196421	5.019	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	37972	4.506	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	160499	4.931	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	166409	5.077	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	97550	5.128	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	99525	5.110	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	94266	4.940	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	8381	4.296	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	75148	5.220	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	62039	5.087	ug/L	100
71) Naphthalene	14.086	128	122624	4.528	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	59281	4.910	ug/L	97

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

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