

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053842.D
 Acq On : 24 Apr 2023 14:23
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005157

Quant Time: Apr 25 04:52:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 04:42:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	160583	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	151288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	81329	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41098	4.202	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.912	69	34723	4.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.565	65	16714	4.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.629	46	78328	43.723	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.440%
24) Chloroform-d	5.060	84	79610	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.697	65	37923	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.723	84	159291	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.687	67	49611	4.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.893	98	148634	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.176	79	18679	4.405	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.629	63	67371	44.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.780%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36518	4.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	53905	4.132	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	57655	4.840	ug/L	97
3) Chloromethane	1.520	50	56823	4.912	ug/L	97
5) Vinyl chloride	1.604	62	67395	5.049	ug/L	96
6) Bromomethane	1.858	94	42098	4.846	ug/L	84
8) Chloroethane	1.935	64	38981	4.679	ug/L	97
9) Trichlorofluoromethane	2.137	101	95157	4.828	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	55588	4.854	ug/L	99
12) 1,1-Dichloroethene	2.578	96	48728	4.824	ug/L	95
13) Acetone	2.642	43	60600	41.714	ug/L	96
14) Carbon disulfide	2.793	76	132598	4.791	ug/L	98
15) Methyl Acetate	2.951	43	14422	4.600	ug/L	97
16) Methylene chloride	3.044	84	55457	4.023	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	108226	4.946	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	50353	4.933	ug/L	99
19) 1,1-Dichloroethane	3.867	63	92185	4.991	ug/L	98
21) 2-Butanone	4.707	43	95718	47.598	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	56617	4.917	ug/L	97
23) Bromochloromethane	4.970	128	24832	4.846	ug/L	98
25) Chloroform	5.083	83	99035	4.937	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	56034	4.873	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	86101	5.063	ug/L	97
30) Cyclohexane	5.385	56	78337	5.127	ug/L	97
31) Carbon tetrachloride	5.523	117	75433	5.102	ug/L	99
33) Benzene	5.771	78	209306	4.908	ug/L	100
34) Trichloroethene	6.539	95	59430	5.114	ug/L	99
35) Methylcyclohexane	6.758	83	91411	5.092	ug/L	98
37) 1,2-Dichloropropane	6.787	63	54778	5.177	ug/L	99
38) Bromodichloromethane	7.099	83	65542	4.956	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	78907	4.946	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	235743	49.395	ug/L	100
42) Toluene	7.964	91	228966	5.063	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	64707	5.015	ug/L	96
45) 1,1,2-Trichloroethane	8.394	97	40493	5.106	ug/L	96
47) Tetrachloroethene	8.549	164	46727	5.073	ug/L	99
48) 2-Hexanone	8.681	43	170623	47.035	ug/L	98
49) Dibromochloromethane	8.803	129	42144	5.019	ug/L	96
50) 1,2-Dibromoethane	8.919	107	37238	5.076	ug/L #	99
51) Chlorobenzene	9.443	112	150253	4.894	ug/L	100
52) Ethylbenzene	9.565	91	249965	5.033	ug/L	97
53) m,p-Xylene	9.690	106	96222	5.057	ug/L	98
54) o-Xylene	10.095	106	93273	5.080	ug/L	96
55) Styrene	10.108	104	153194	5.100	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	46575	4.926	ug/L	99
59) Bromoform	10.285	173	22906	4.953	ug/L	100
60) Isopropylbenzene	10.478	105	255104	5.216	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	31410	5.008	ug/L	97
62) 1,3,5-Trimethylbenzene	11.082	105	204736	5.150	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	209719	5.213	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	120931	4.948	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	119391	4.835	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	110531	4.897	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	6219	4.812	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	88424	5.053	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	76583	4.807	ug/L	99
71) Naphthalene	14.082	128	126648	4.498	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	67858	4.774	ug/L	98

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

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