

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053963.D
 Acq On : 28 Apr 2023 02:31
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005165

Quant Time: Apr 28 08:41:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	153952	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	144858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	85667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33292	3.550	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.912	69	26915	3.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.565	65	13730	3.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.636	46	81812	47.635	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.260%
24) Chloroform-d	5.060	84	105126	5.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.000%
26) 1,2-Dichloroethane-d4	5.697	65	34100	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.723	84	138719	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.687	67	44796	4.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.896	98	132937	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.176	79	17054	4.200	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.629	63	71206	49.556	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	43358	5.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	52871	3.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	462964	40.536	ug/L	96
3) Chloromethane	1.520	50	420334	37.900	ug/L	100
5) Vinyl chloride	1.604	62	513640	40.140	ug/L	100
6) Bromomethane	1.858	94	336658	40.426	ug/L	93
8) Chloroethane	1.935	64	313722	39.277	ug/L	98
9) Trichlorofluoromethane	2.138	101	782511	41.417	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	453518	41.305	ug/L	98
12) 1,1-Dichloroethene	2.578	96	413006	42.651	ug/L #	78
13) Acetone	2.652	43	110309	79.201	ug/L	96
14) Carbon disulfide	2.790	76	973603	36.692	ug/L	100
15) Methyl Acetate	2.954	43	143944	47.887	ug/L	96
16) Methylene chloride	3.044	84	448570	33.943	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	1041951	49.672	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	422703	43.197	ug/L	95
19) 1,1-Dichloroethane	3.864	63	816556	46.110	ug/L	99
21) 2-Butanone	4.713	43	184779	95.843	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	507337	45.960	ug/L	97
23) Bromochloromethane	4.970	128	223552	45.509	ug/L	97
25) Chloroform	5.083	83	881468	45.834	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	498645	45.230	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	761169	46.742	ug/L	98
30) Cyclohexane	5.385	56	622921	42.575	ug/L	99
31) Carbon tetrachloride	5.520	117	663932	46.903	ug/L	98
33) Benzene	5.771	78	1822272	44.628	ug/L	100
34) Trichloroethene	6.536	95	549015	49.342	ug/L	100
35) Methylcyclohexane	6.758	83	726387	42.262	ug/L	97
37) 1,2-Dichloropropane	6.787	63	485683	47.942	ug/L	98
38) Bromodichloromethane	7.099	83	626170	49.448	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	722384	47.288	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	450370	98.554	ug/L	98
42) Toluene	7.964	91	2033818	46.971	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	589988	47.757	ug/L	97
45) 1,1,2-Trichloroethane	8.394	97	363137	47.826	ug/L	98
47) Tetrachloroethene	8.549	164	592965	67.238	ug/L	99
48) 2-Hexanone	8.681	43	317161	91.311	ug/L	96
49) Dibromochloromethane	8.806	129	422005	52.490	ug/L	97
50) 1,2-Dibromoethane	8.919	107	342942	48.823	ug/L #	98
51) Chlorobenzene	9.443	112	1355531	46.109	ug/L	99
52) Ethylbenzene	9.565	91	2329760	48.996	ug/L	99
53) m,p-Xylene	9.690	106	901634	49.486	ug/L	97
54) o-Xylene	10.095	106	901447	51.274	ug/L	99
55) Styrene	10.108	104	1515902	52.704	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	435415	48.098	ug/L	98
59) Bromoform	10.285	173	241746	49.629	ug/L	99
60) Isopropylbenzene	10.478	105	2427683	47.128	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	295547	44.739	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	2073301	49.512	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	2074617	48.961	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	1144285	44.451	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	1137229	43.720	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	1071180	45.057	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	68832	50.560	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	854484	46.358	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	750110	44.701	ug/L	99
71) Naphthalene	14.079	128	1365168	46.025	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	659160	44.025	ug/L	99

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

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