

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053412.D
 Acq On : 25 Mar 2023 00:01
 Operator : JC/MD
 Sample : 02053-09MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYF73MSD

Quant Time: Mar 25 00:44:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	139013	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	69078	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45948	4.805	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.916	69	42403	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.565	65	19822	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.633	46	119241	54.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.860%
24) Chloroform-d	5.060	84	94643	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.697	65	48150	5.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.723	84	190870	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.684	67	58961	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.893	98	181500	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.176	79	21708	4.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.629	63	94789	51.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.220%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50226	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	64135	5.161	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	47671	4.779	ug/L	98
3) Chloromethane	1.517	50	51308	5.113	ug/L	96
5) Vinyl chloride	1.604	62	59042	5.218	ug/L	97
6) Bromomethane	1.858	94	35193	4.910	ug/L	95
8) Chloroethane	1.935	64	33032	5.022	ug/L	94
9) Trichlorofluoromethane	2.138	101	79250	4.638	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	40388	4.663	ug/L	97
12) 1,1-Dichloroethene	2.578	96	37787	4.801	ug/L	95
13) Acetone	2.649	43	59409	45.694	ug/L #	49
14) Carbon disulfide	2.794	76	114308	4.948	ug/L	99
15) Methyl Acetate	2.958	43	15227	4.993	ug/L	98
16) Methylene chloride	3.044	84	43400	4.199	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	96839	5.075	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	40569	4.962	ug/L	97
19) 1,1-Dichloroethane	3.864	63	78068	5.184	ug/L	98
21) 2-Butanone	4.713	43	93280	46.206	ug/L	94
22) cis-1,2-Dichloroethene	4.662	96	47680	4.329	ug/L	96
23) Bromochloromethane	4.970	128	20473	5.251	ug/L	96
25) Chloroform	5.083	83	79708	5.145	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	49755	5.127	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	67691	5.025	ug/L	98
30) Cyclohexane	5.385	56	64273	4.478	ug/L	98
31) Carbon tetrachloride	5.520	117	55154	4.839	ug/L	99
33) Benzene	5.768	78	172704	4.724	ug/L	100
34) Trichloroethene	6.539	95	46892	4.817	ug/L	97
35) Methylcyclohexane	6.758	83	69769	4.176	ug/L	97
37) 1,2-Dichloropropane	6.787	63	46772	4.845	ug/L	100
38) Bromodichloromethane	7.102	83	52401	4.888	ug/L #	98
39) cis-1,3-Dichloropropene	7.604	75	68480	4.802	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	235505	49.855	ug/L	99
42) Toluene	7.964	91	194381	4.866	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	56842	4.899	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	34255	4.998	ug/L	93
47) Tetrachloroethene	8.549	164	32644	4.564	ug/L	97
48) 2-Hexanone	8.681	43	178520	51.110	ug/L	99
49) Dibromochloromethane	8.803	129	33260	4.907	ug/L	92
50) 1,2-Dibromoethane	8.919	107	33413	5.047	ug/L #	99
51) Chlorobenzene	9.443	112	124104	4.926	ug/L	99
52) Ethylbenzene	9.565	91	213683	4.907	ug/L	99
53) m,p-Xylene	9.690	106	81472	4.909	ug/L	95
54) o-Xylene	10.095	106	79263	5.033	ug/L	98
55) Styrene	10.112	104	129346	5.002	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	42815	4.947	ug/L	99
59) Bromoform	10.288	173	17692	4.974	ug/L	94
60) Isopropylbenzene	10.478	105	210130	5.008	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	29903	5.225	ug/L	96
62) 1,3,5-Trimethylbenzene	11.083	105	171037	5.024	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	175094	5.021	ug/L	98
64) 1,3-Dichlorobenzene	11.739	146	95061	5.153	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	93281	5.036	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	88711	5.073	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	5770	5.199	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.214	180	62114	4.823	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	52708	5.148	ug/L	100
71) Naphthalene	14.082	128	104605	5.423	ug/L	97
72) 1,2,3-Trichlorobenzene	14.324	180	48465	5.423	ug/L	99

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

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