

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053392.D
 Acq On : 24 Mar 2023 15:15
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: Mar 25 00:35:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:27:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	144373	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	68067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49853	5.020	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.912	69	45992	5.102	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.000%		
11) 1,1-Dichloroethene-d2	2.565	65	21317	5.038	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	4.636	46	117997	51.860	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 103.720%		
24) Chloroform-d	5.057	84	99060	5.380	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.600%		
26) 1,2-Dichloroethane-d4	5.697	65	48670	5.158	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.200%		
32) Benzene-d6	5.722	84	196833	5.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
36) 1,2-Dichloropropane-d6	6.687	67	60607	5.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.000%		
41) Toluene-d8	7.893	98	187460	5.296	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.000%		
43) trans-1,3-Dichloroprop...	8.176	79	24184	5.513	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 110.200%		
46) 2-Hexanone-d5	8.629	63	93103	52.248	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.500%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50231	5.279	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.600%		
66) 1,2-Dichlorobenzene-d4	12.188	152	66596	5.438	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	55267	5.334	ug/L	99
3) Chloromethane	1.517	50	53026	5.088	ug/L	97
5) Vinyl chloride	1.604	62	61761	5.255	ug/L	96
6) Bromomethane	1.858	94	39587	5.318	ug/L	96
8) Chloroethane	1.935	64	34428	5.040	ug/L	98
9) Trichlorofluoromethane	2.137	101	85949	4.843	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	48554	5.398	ug/L	97
12) 1,1-Dichloroethene	2.578	96	41737	5.106	ug/L	98
13) Acetone	2.658	43	75878	56.195	ug/L	99
14) Carbon disulfide	2.793	76	125793	5.243	ug/L	99
15) Methyl Acetate	2.957	43	16212	5.118	ug/L	97
16) Methylene chloride	3.044	84	55503	5.170	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	103846	5.240	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	44980	5.298	ug/L	94
19) 1,1-Dichloroethane	3.864	63	81773	5.228	ug/L	94
21) 2-Butanone	4.716	43	116998	55.803	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	51050	4.463	ug/L	97
23) Bromochloromethane	4.973	128	21244	5.247	ug/L	97
25) Chloroform	5.083	83	85791	5.332	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	53268	5.285	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	71988	5.508	ug/L	97
30) Cyclohexane	5.385	56	76486	5.493	ug/L	97
31) Carbon tetrachloride	5.520	117	60086	5.433	ug/L	100
33) Benzene	5.771	78	186589	5.261	ug/L	100
34) Trichloroethene	6.539	95	51216	5.422	ug/L	95
35) Methylcyclohexane	6.758	83	87632	5.407	ug/L	98
37) 1,2-Dichloropropane	6.787	63	49026	5.235	ug/L	100
38) Bromodichloromethane	7.102	83	56779	5.459	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	73572	5.317	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	248723	54.268	ug/L	99
42) Toluene	7.967	91	207356	5.350	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	59059	5.246	ug/L	97
45) 1,1,2-Trichloroethane	8.394	97	36103	5.429	ug/L	97
47) Tetrachloroethene	8.549	164	37403	5.389	ug/L	97
48) 2-Hexanone	8.681	43	192839	56.903	ug/L	99
49) Dibromochloromethane	8.806	129	36024	5.478	ug/L	99
50) 1,2-Dibromoethane	8.918	107	34025	5.297	ug/L	100
51) Chlorobenzene	9.443	112	133153	5.447	ug/L	99
52) Ethylbenzene	9.568	91	228677	5.413	ug/L	99
53) m,p-Xylene	9.690	106	91376	5.674	ug/L	97
54) o-Xylene	10.095	106	85426	5.591	ug/L	99
55) Styrene	10.111	104	139841	5.573	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.777	83	44351	5.281	ug/L	98
59) Bromoform	10.285	173	17903	5.108	ug/L	95
60) Isopropylbenzene	10.481	105	229177	5.543	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	30788	5.459	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	187473	5.588	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	192474	5.602	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	98324	5.409	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	98809	5.414	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	93451	5.423	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	5848	5.348	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	68921	5.431	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	59214	5.869	ug/L	99
71) Naphthalene	14.082	128	114046	6.000	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	53666	6.094	ug/L	99

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

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