

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051923\
 Data File : VU054231.D
 Acq On : 19 May 2023 19:55
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

Quant Time: May 20 02:11:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 20 02:06:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	173901	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	164196	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	89884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46779	4.989	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.912	69	35311	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.565	65	21393	5.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.629	46	93173	55.726	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.460%
24) Chloroform-d	5.057	84	91657	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.697	65	41894	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.723	84	168709	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.684	67	51247	5.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.893	98	160746	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.176	79	19316	4.948	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.629	63	69136	59.483	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.960%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	38465	5.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	57256	5.220	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	66716	5.074	ug/L	100
3) Chloromethane	1.517	50	66817	5.482	ug/L	98
5) Vinyl chloride	1.604	62	74774	5.775	ug/L	99
6) Bromomethane	1.858	94	40190	5.117	ug/L	97
8) Chloroethane	1.932	64	43086	5.253	ug/L	96
9) Trichlorofluoromethane	2.134	101	109373	5.317	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	64188	5.383	ug/L	98
12) 1,1-Dichloroethene	2.578	96	56539	5.312	ug/L	98
13) Acetone	2.639	43	93430	41.076	ug/L	98
14) Carbon disulfide	2.790	76	142652	5.335	ug/L	99
15) Methyl Acetate	2.951	43	23913	5.864	ug/L	99
16) Methylene chloride	3.041	84	68582	4.922	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	144817	5.404	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	58665	5.419	ug/L	99
19) 1,1-Dichloroethane	3.864	63	120766	5.571	ug/L	98
21) 2-Butanone	4.707	43	152922	50.757	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	68222	5.389	ug/L	97
23) Bromochloromethane	4.970	128	31024	5.610	ug/L	94
25) Chloroform	5.083	83	126826	5.394	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	73956	5.470	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	110887	5.395	ug/L	100
30) Cyclohexane	5.385	56	87715	5.243	ug/L	98
31) Carbon tetrachloride	5.520	117	95220	5.342	ug/L	98
33) Benzene	5.768	78	256989	5.530	ug/L	100
34) Trichloroethene	6.536	95	69612	5.570	ug/L	96
35) Methylcyclohexane	6.758	83	91520	5.008	ug/L	98
37) 1,2-Dichloropropane	6.784	63	67160	5.504	ug/L	99
38) Bromodichloromethane	7.099	83	85997	5.565	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	94067	5.174	ug/L	98
40) 4-Methyl-2-pentanone	7.784	43	360854	58.092	ug/L	99
42) Toluene	7.964	91	273860	5.577	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	80201	5.374	ug/L	96
45) 1,1,2-Trichloroethane	8.394	97	49681	5.649	ug/L	97
47) Tetrachloroethene	8.549	164	54502	5.306	ug/L	98
48) 2-Hexanone	8.681	43	255709	54.446	ug/L	100
49) Dibromochloromethane	8.803	129	54525	5.554	ug/L	100
50) 1,2-Dibromoethane	8.919	107	46069	5.700	ug/L #	99
51) Chlorobenzene	9.443	112	177476	5.345	ug/L	99
52) Ethylbenzene	9.565	91	298706	5.458	ug/L	99
53) m,p-Xylene	9.690	106	113211	5.447	ug/L	100
54) o-Xylene	10.095	106	111250	5.420	ug/L	97
55) Styrene	10.108	104	190233	5.668	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	61035	5.845	ug/L	98
59) Bromoform	10.285	173	31734	5.490	ug/L	99
60) Isopropylbenzene	10.478	105	300931	5.487	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	41400	5.681	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	236634	5.286	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	248370	5.558	ug/L	98
64) 1,3-Dichlorobenzene	11.738	146	147712	5.396	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	145704	5.358	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	135066	5.377	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	8763	5.625	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.214	180	106081	5.194	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	85106	5.033	ug/L	98
71) Naphthalene	14.082	128	130046	5.316	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	77955	5.446	ug/L	99

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

