

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090523\
 Data File : VU055083.D
 Acq On : 05 Sep 2023 10:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005107

Quant Time: Sep 06 02:11:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190804	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	107156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43868	4.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.907	69	51547	5.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.563	65	25930	5.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	4.624	46	160990	62.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.360%
24) Chloroform-d	5.062	84	130721	5.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
26) 1,2-Dichloroethane-d4	5.698	65	65578	5.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.724	84	249498	5.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.688	67	82415	5.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.897	98	228417	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	8.180	79	24850	6.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	120.400%
46) 2-Hexanone-d5	8.634	63	107801	64.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.740%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61076	5.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	83981	5.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58730	5.352	ug/L	98
3) Chloromethane	1.515	50	59015	5.282	ug/L	98
5) Vinyl chloride	1.599	62	62040	5.264	ug/L	98
6) Bromomethane	1.853	94	31135	4.380	ug/L	96
8) Chloroethane	1.930	64	39816	5.188	ug/L	99
9) Trichlorofluoromethane	2.132	101	89756	5.237	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	53851	5.400	ug/L	98
12) 1,1-Dichloroethene	2.576	96	44626	5.111	ug/L	95
13) Acetone	2.628	43	103653	60.211	ug/L	95
14) Carbon disulfide	2.788	76	117032	5.474	ug/L	97
15) Methyl Acetate	2.952	43	22325	6.336	ug/L	96
16) Methylene chloride	3.039	84	60599	4.542	ug/L	93
17) Methyl tert-butyl Ether	3.361	73	131083	5.725	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	47847	5.401	ug/L	91
19) 1,1-Dichloroethane	3.865	63	102113	5.334	ug/L	98
21) 2-Butanone	4.705	43	152275	60.204	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	57975	5.347	ug/L	93
23) Bromochloromethane	4.975	128	25473	5.712	ug/L	98
25) Chloroform	5.084	83	108475	5.440	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	67918	5.581	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	89221	5.406	ug/L	99
30) Cyclohexane	5.383	56	76858	5.237	ug/L	100
31) Carbon tetrachloride	5.521	117	74587	5.435	ug/L	97
33) Benzene	5.772	78	216636	5.335	ug/L	100
34) Trichloroethene	6.541	95	60946	5.400	ug/L	99
35) Methylcyclohexane	6.762	83	80797	5.102	ug/L	97
37) 1,2-Dichloropropane	6.788	63	60246	5.449	ug/L #	97
38) Bromodichloromethane	7.103	83	75058	5.686	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	81255	5.404	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	379199	60.128	ug/L	99
42) Toluene	7.968	91	233730	5.399	ug/L	94
44) trans-1,3-Dichloropropene	8.209	75	71126	6.026	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	44517	5.978	ug/L	97
47) Tetrachloroethene	8.553	164	40201	5.154	ug/L	97
48) 2-Hexanone	8.682	43	295329	59.786	ug/L	98
49) Dibromochloromethane	8.807	129	46832	5.761	ug/L	94
50) 1,2-Dibromoethane	8.923	107	39165	5.776	ug/L	95
51) Chlorobenzene	9.444	112	148720	5.187	ug/L	98
52) Ethylbenzene	9.569	91	255891	5.283	ug/L	99
53) m,p-Xylene	9.695	106	94702	5.284	ug/L	99
54) o-Xylene	10.100	106	93262	5.288	ug/L	100
55) Styrene	10.113	104	153910	5.285	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	53941	5.815	ug/L	96
59) Bromoform	10.290	173	25542	5.966	ug/L	96
60) Isopropylbenzene	10.483	105	258786	5.179	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	40547	5.702	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	210658	5.068	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	207811	5.073	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	121027	5.045	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	120706	5.049	ug/L	100
67) 1,2-Dichlorobenzene	12.212	146	115405	5.131	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	7806	5.698	ug/L	94
69) 1,3,5-Trichlorobenzene	13.219	180	84555	4.664	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	68163	4.010	ug/L	97
71) Naphthalene	14.087	128	114549	3.708	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	61429	4.164	ug/L	98

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

