

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055923.D
 Acq On : 27 Oct 2023 15:02
 Operator : MD/SY
 Sample : 05009-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4AA3

Quant Time: Oct 27 23:55:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	382674	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	366940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	189868	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	109378	3.613	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.914	69	87464	3.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.563	65	51255	3.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.624	46	202362	37.472	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.940%
24) Chloroform-d	5.058	84	239372	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.698	65	104301	3.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.724	84	471023	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.685	67	138685	4.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.894	98	442937	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	52090	4.110	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.631	63	176483	54.860	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96018	4.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	148210	4.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	87688	4.021	ug/L	99
5) Vinyl chloride	1.602	62	93026	4.056	ug/L	100
8) Chloroethane	1.933	64	191491	14.248	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	222888	10.726	ug/L	100
12) 1,1-Dichloroethene	2.579	96	42611	2.297	ug/L #	76
13) Acetone	2.634	43	547264	177.832	ug/L	96
15) Methyl Acetate	2.952	43	63468	10.123	ug/L	98
16) Methylene chloride	3.049	84	11866	0.565	ug/L	89
18) trans-1,2-Dichloroethene	3.351	96	56384	3.066	ug/L	99
19) 1,1-Dichloroethane	3.865	63	81445	2.181	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	92077	4.135	ug/L	95
23) Bromochloromethane	4.972	128	48430	5.339	ug/L	98
25) Chloroform	5.081	83	324401	8.103	ug/L	98
27) 1,2-Dichloroethane	5.791	62	43286	1.840	ug/L #	93
29) 1,1,1-Trichloroethane	5.312	97	70358	2.104	ug/L	98
31) Carbon tetrachloride	5.521	117	89976	3.154	ug/L	96
34) Trichloroethene	6.541	95	54146	2.390	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	143466	4.684	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	646890	62.413	ug/L	98

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44) trans-1,3-Dichloropropene	8.206	75	57603	2.330	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	29880	1.976	ug/L	96
47) Tetrachloroethene	8.550	164	53856	3.395	ug/L	96
50) 1,2-Dibromoethane	8.920	107	69879	5.094	ug/L #	98
51) Chlorobenzene	9.441	112	354365	6.389	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	27193	1.554	ug/L	90
59) Bromoform	10.286	173	28951	2.997	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	364491	5.074	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	142626	3.180	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	95540	2.134	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	139391	6.153	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	70180	3.593	ug/L	98

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

