

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052979.D
 Acq On : 06 Feb 2023 14:41
 Operator : JC/MD
 Sample : 01422-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B69

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 01:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	151738	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	152825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44816	3.362	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.200%	
7) Chloroethane-d5	1.912	69	43995	4.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.562	65	20824	3.547	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	4.642	46	144202	40.457	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.920%	
24) Chloroform-d	5.057	84	107029	4.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	5.697	65	55472	4.344	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
32) Benzene-d6	5.722	84	204980	4.138	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
36) 1,2-Dichloropropane-d6	6.687	67	67827	4.109	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.200%	
41) Toluene-d8	7.893	98	172260	3.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	8.176	79	23559	3.838	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.800%	
46) 2-Hexanone-d5	8.635	63	119446	46.843	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.680%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	61382	4.857	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	70041	5.638	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	620640	32.767	ug/L	98
12) 1,1-Dichloroethene	2.575	96	13768	1.047	ug/L #	41
15) Methyl Acetate	2.957	43	3387	0.553	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	5635	0.194	ug/L #	88
18) trans-1,2-Dichloroethene	3.349	96	62382	4.650	ug/L	85
21) 2-Butanone	4.726	43	24625	5.984	ug/L	90
22) cis-1,2-Dichloroethene	4.658	96	2696517	187.153	ug/L	91
25) Chloroform	5.083	83	66329	2.422	ug/L	99
34) Trichloroethene	6.536	95	1928563	134.785	ug/L	98
37) 1,2-Dichloropropane	6.787	63	13283	0.818	ug/L	99
38) Bromodichloromethane	7.102	83	33870	1.772	ug/L	100
42) Toluene	7.967	91	518854	8.611	ug/L	100
47) Tetrachloroethene	8.558	164	8647334	820.259	ug/L	98
49) Dibromochloromethane	8.806	129	21741m	1.842	ug/L	
52) Ethylbenzene	9.568	91	9199	0.150	ug/L	98
53) m,p-Xylene	9.687	106	5493	0.236	ug/L	85
54) o-Xylene	10.098	106	3461	0.156	ug/L	92
59) Bromoform	10.291	173	3342	0.630	ug/L #	92

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

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