

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
 Data File : VU056150.D
 Acq On : 09 Nov 2023 19:16
 Operator : MD/SY
 Sample : 05339-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2023
 Supervised By : Mahesh Dadoda 11/10/2023

Quant Time: Nov 09 23:26:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 09 21:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	318802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	376250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	183000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	99939	5.050	ug/L	-0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.000%	
7) Chloroethane-d5	1.901	69	83324	6.205	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	124.000%	
11) 1,1-Dichloroethene-d2	2.551	65	43718	5.015	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.200%	
20) 2-Butanone-d5	4.721	46	217924	67.129	ug/L	0.10
Spiked Amount	50.000	Range 40 - 130	Recovery	=	134.260%#	
24) Chloroform-d	5.052	84	214829	5.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.000%	
26) 1,2-Dichloroethane-d4	5.698	65	102897	6.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	124.000%	
32) Benzene-d6	5.714	84	437227	4.838	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.685	67	142377	5.352	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.891	98	398559	4.813	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	8.177	79	46709	4.594	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.647	63	158305	47.501	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.000%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87743	4.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	152845	5.416	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.563	96	11195	0.546	ug/L #	1
17) Methyl tert-butyl Ether	3.374	73	27115	0.587	ug/L #	92
19) 1,1-Dichloroethane	3.849	63	9304	0.235	ug/L	100
22) cis-1,2-Dichloroethene	4.650	96	50173	2.141	ug/L	99
25) Chloroform	5.075	83	36571	0.867	ug/L	97
27) 1,2-Dichloroethane	5.792	62	10044	0.420	ug/L #	94
34) Trichloroethene	6.531	95	1338407	45.482	ug/L	96
47) Tetrachloroethene	8.547	164	17903	0.811	ug/L	97
48) 2-Hexanone	8.727	43	59615m	6.682	ug/L	

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

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