

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071823\
 Data File : VU054810.D
 Acq On : 18 Jul 2023 16:23
 Operator : MD/SY
 Sample : 03656-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH2X8

Quant Time: Jul 19 02:50:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 19 02:47:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	226882	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	218726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	113394	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76618	43.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.380%
7) Chloroethane-d5	1.882	69	76349	43.524	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.040%
11) 1,1-Dichloroethene-d2	2.554	63	80711	32.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.180%
21) 2-Butanone-d5	4.618	46	114856	101.900	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.900%
24) Chloroform-d	5.055	84	126118	46.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	80232	49.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
32) Benzene-d6	5.721	84	256074	49.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.300%
36) 1,2-Dichloropropane-d6	6.685	67	87994	50.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	7.894	98	240344	48.410	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.820%
43) trans-1,3-Dichloroprop...	8.177	79	40019	44.592	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.180%
47) 2-Hexanone-d5	8.631	63	82106	99.008	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.010%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	155143	48.146	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.300%
66) 1,2-Dichlorobenzene-d4	12.190	152	99918	51.278	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.560%
Target Compounds						
					Qvalue	
13) Acetone	2.625	43	23292	24.569	ug/L	99
22) 2-Butanone	4.708	43	8808m	6.730	ug/L	

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

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