

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060723\
 Data File : VV031425.D
 Acq On : 08 Jun 2023 02:18
 Operator : SY/MD
 Sample : 03077-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FA6

Quant Time: Jun 08 05:47:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 05:16:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2023
 Supervised By : Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	250153	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	257402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	123516	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	88045	40.003	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.000%		
7) Chloroethane-d5	1.532	69	76011	42.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.320%		
11) 1,1-Dichloroethene-d2	2.060	65	44422	42.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.180%		
21) 2-Butanone-d5	3.793	46	141121	88.722	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.720%		
24) Chloroform-d	4.256	84	186489	44.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.080%		
26) 1,2-Dichloroethane-d4	4.947	65	132237	47.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.160%		
32) Benzene-d6	4.966	84	328263	43.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.400%		
36) 1,2-Dichloropropane-d6	5.995	67	117094	44.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.660%		
41) Toluene-d8	7.249	98	289124	41.415	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.840%		
43) trans-1,3-Dichloroprop...	7.558	79	51987	39.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.140%		
47) 2-Hexanone-d5	8.030	63	73336	73.712	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.710%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	138183	41.451	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.900%		
66) 1,2-Dichlorobenzene-d4	11.567	152	114639	50.033	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.060%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	10418	10.439	ug/L	# 1
20) cis-1,2-Dichloroethene	3.825	96	11169	7.261	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	4635	1.525	ug/L	96
34) Trichloroethene	5.844	95	4350m	2.431	ug/L	

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

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