

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
 Data File : VV034766.D
 Acq On : 20 Mar 2024 16:08
 Operator : SY/MD
 Sample : P1757-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B77

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/22/2024
 Supervised By :Semsettin Yesilyurt 03/22/2024

Quant Time: Mar 21 02:21:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	342000	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	333448	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.197	152	205196	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112261	37.865	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.720%		
7) Chloroethane-d5	1.529	69	101930	44.130	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.260%		
11) 1,1-Dichloroethene-d2	2.060	65	47327	35.297	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.600%		
21) 2-Butanone-d5	3.783	46	179935	90.754	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.750%		
24) Chloroform-d	4.246	84	243579	46.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.940%		
26) 1,2-Dichloroethane-d4	4.940	65	167673	48.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.900%		
32) Benzene-d6	4.960	84	478169	47.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.020%		
36) 1,2-Dichloropropane-d6	5.985	67	145045	47.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.460%		
41) Toluene-d8	7.243	98	421080	46.237	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.480%		
43) trans-1,3-Dichloroprop...	7.551	79	71940	46.646	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.300%		
47) 2-Hexanone-d5	8.024	63	125471	81.813	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.810%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	201111	49.760	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.520%		
66) 1,2-Dichlorobenzene-d4	11.580	152	201350	48.006	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.020%		
Target Compounds						
25) Chloroform	4.278	83	50551	10.045	ug/L	97
31) Carbon tetrachloride	4.735	117	12614	2.980	ug/L	100
33) Benzene	5.008	78	5811956	561.531	ug/L	100
51) Chlorobenzene	8.815	112	10833419	1529.796	ug/L	95
64) 1,3-Dichlorobenzene	11.123	146	10571217	1575.449	ug/L	94
65) 1,4-Dichlorobenzene	11.213	146	23278537m	3416.265	ug/L	
67) 1,2-Dichlorobenzene	11.586	146	25858787m	3845.932	ug/L	
70) 1,2,4-trichlorobenzene	13.201	180	4193817	925.907	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	1638652	370.852	ug/L	99

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

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