

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035282.D
 Acq On : 18 Apr 2024 14:50
 Operator : SY/MD
 Sample : P2158-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORD3

Quant Time: Apr 19 01:43:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	362188	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	379302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	236105	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	149946	42.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.740%		
7) Chloroethane-d5	1.526	69	127024	41.810	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.620%		
11) 1,1-Dichloroethene-d2	2.056	65	64219	41.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.760%		
21) 2-Butanone-d5	3.789	46	201913	97.331	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.330%		
24) Chloroform-d	4.246	84	291395	49.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.100%		
26) 1,2-Dichloroethane-d4	4.941	65	186758	50.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.040%		
32) Benzene-d6	4.960	84	587230	46.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.180%		
36) 1,2-Dichloropropane-d6	5.986	67	185948	45.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.920%		
41) Toluene-d8	7.239	98	490792	42.773	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.540%		
43) trans-1,3-Dichloroprop...	7.551	79	78775	40.051	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.100%		
47) 2-Hexanone-d5	8.027	63	140360	91.758	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.760%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	265445	47.644	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.280%		
66) 1,2-Dichlorobenzene-d4	11.571	152	239620	45.202	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.400%		
Target Compounds					Qvalue	
25) Chloroform	4.275	83	59329	11.135	ug/L	100
29) Cyclohexane	4.580	56	7355	1.548	ug/L	# 63
31) Carbon tetrachloride	4.735	117	48096	11.477	ug/L	99
33) Benzene	4.998	78	24053269m	1944.720	ug/L	
46) Tetrachloroethene	7.912	164	3422	1.467	ug/L	96
51) Chlorobenzene	8.809	112	23538359m	2804.688	ug/L	
64) 1,3-Dichlorobenzene	11.117	146	5053852	635.358	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	21563005m	2665.723	ug/L	
67) 1,2-Dichlorobenzene	11.580	146	24842082m	3135.066	ug/L	
70) 1,2,4-trichlorobenzene	13.197	180	5938817	1127.784	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	1972603	380.025	ug/L	99

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

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