

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035333.D
 Acq On : 22 Apr 2024 15:16
 Operator : SY/MD
 Sample : P2182-02 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CORK0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
 Supervised By :Semsettin Yesilyurt 04/26/2024

Quant Time: Apr 23 00:31:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	154505	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	127245	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47159	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50937	34.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.280%		
7) Chloroethane-d5	1.532	69	68553	52.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.780%		
11) 1,1-Dichloroethene-d2	2.060	65	17354	26.532	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.060%#		
21) 2-Butanone-d5	3.851	46	11800m	13.334	ug/L	0.06
Spiked Amount 100.000	Range 40 - 130		Recovery =	13.330%#		
24) Chloroform-d	4.249	84	181029	72.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	144.320%#		
26) 1,2-Dichloroethane-d4	4.941	65	147311	92.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	184.980%#		
32) Benzene-d6	4.960	84	258736	60.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	121.060%		
36) 1,2-Dichloropropane-d6	5.989	67	120933	89.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	178.200%#		
41) Toluene-d8	7.246	98	131539	34.172	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	68.340%#		
43) trans-1,3-Dichloroprop...	7.558	79	36990	56.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	112.120%		
47) 2-Hexanone-d5	8.027	63	53947	105.127	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.130%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	224547	120.138	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	240.280%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	64699m	61.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	122.200%#		
Target Compounds					Qvalue	
13) Acetone	2.124	43	9016	11.097	ug/L	92
16) Methylene chloride	2.449	84	3639	2.896	ug/L	87
33) Benzene	5.005	78	2466726	594.495	ug/L	100
51) Chlorobenzene	8.809	112	3430270	1218.375	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	27915	17.570	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	670022	414.701	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	817109	516.273	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	20013	19.027	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	5206	5.021	ug/L	100

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

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