

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040524\
 Data File : VW035022.D
 Acq On : 05 Apr 2024 22:40
 Operator : SY/MD
 Sample : P2006-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORE9

Quant Time: Apr 06 03:18:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	390104	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.818	117	407184	50.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.217	152	239612	50.000	ug/L	# 0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167053	44.341	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	88.680%	
7) Chloroethane-d5	1.532	69	157079	48.003	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.060	65	73661	44.603	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	89.200%	
21) 2-Butanone-d5	3.793	46	189151	84.654	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	84.650%	
24) Chloroform-d	4.246	84	297097	46.903	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	4.947	65	184967	45.993	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.980%	
32) Benzene-d6	4.966	84	599058	43.799	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	5.989	67	187556	43.183	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	86.360%	
41) Toluene-d8	7.243	98	524514	42.582	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.160%	
43) trans-1,3-Dichloroprop...	7.555	79	85002	40.257	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	80.520%	
47) 2-Hexanone-d5	8.034	63	131448	80.048	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	80.050%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	282124	47.170	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	94.340%	
66) 1,2-Dichlorobenzene-d4	11.590	152	221421	41.158	ug/L	0.03
Spiked Amount 50.000	Range 80	- 120	Recovery	=	82.320%	
Target Compounds						Qvalue
13) Acetone	2.124	43	34185	16.665	ug/L	99
25) Chloroform	4.272	83	449026	78.242	ug/L	98
29) Cyclohexane	4.580	56	32589	6.390	ug/L	97
31) Carbon tetrachloride	4.735	117	355023	78.917	ug/L	100
33) Benzene	4.998	78	33542757m	2526.249	ug/L	
35) Methylcyclohexane	6.047	83	15349	2.836	ug/L	# 80
38) Bromodichloromethane	6.445	83	5002	1.057	ug/L	# 96
42) Toluene	7.326	91	19820	1.426	ug/L	99
46) Tetrachloroethene	7.912	164	4479	1.789	ug/L	94
51) Chlorobenzene	8.812	112	50054706m	5555.813	ug/L	
64) 1,3-Dichlorobenzene	11.130	146	16792586	2080.225	ug/L	91
65) 1,4-Dichlorobenzene	11.210	146	37230186m	4535.211	ug/L	
67) 1,2-Dichlorobenzene	11.587	146	37655764m	4682.597	ug/L	
69) 1,3,5-Trichlorobenzene	12.587	180	31023	5.332	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	20357320m	3809.283	ug/L	
72) 1,2,3-Trichlorobenzene	13.686	180	7158429	1358.897	ug/L	99

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