

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035280.D
 Acq On : 18 Apr 2024 14:02
 Operator : SY/MD
 Sample : P2158-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORD0

Quant Time: Apr 19 01:42:54 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	5.535	114	370710	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.809	117	387825	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.194	152	256444m	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	146363	40.882	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	81.760%	
7) Chloroethane-d5	1.523	69	125932	40.498	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.056	65	63961	40.756	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.520%	
21) 2-Butanone-d5	3.789	46	191365	90.126	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	90.130%	
24) Chloroform-d	4.246	84	293438	48.749	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.500%	
26) 1,2-Dichloroethane-d4	4.960	65	197888	51.781	ug/L	0.02
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.560%	
32) Benzene-d6	4.969	84	593403	45.551	ug/L	0.01
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.100%	
36) 1,2-Dichloropropane-d6	5.989	67	188625	45.597	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	91.200%	
41) Toluene-d8	7.243	98	497620	42.415	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	84.840%	
43) trans-1,3-Dichloroprop...	7.555	79	83244	41.393	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	82.780%	
47) 2-Hexanone-d5	8.030	63	144267	92.240	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	92.240%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	281645	49.440	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	98.880%	
66) 1,2-Dichlorobenzene-d4	11.570	152	250981	43.590	ug/L	0.01
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.180%	
Target Compounds	Qvalue					
14) Carbon disulfide	2.236	76	16538	2.111	ug/L	100
16) Methylene chloride	2.445	84	10696	3.548	ug/L	94
25) Chloroform	4.272	83	222182	40.740	ug/L	99
29) Cyclohexane	4.584	56	17496	3.602	ug/L	96
31) Carbon tetrachloride	4.735	117	214585	50.081	ug/L	100
33) Benzene	4.992	78	47743511m	3775.258	ug/L	
34) Trichloroethene	5.847	95	4557	1.335	ug/L	94
35) Methylcyclohexane	6.050	83	6898	1.338	ug/L #	78
42) Toluene	7.333	91	12561	0.949	ug/L	92
46) Tetrachloroethene	7.908	164	6391	2.680	ug/L	95
51) Chlorobenzene	8.809	112	42791874m	4986.765	ug/L	
64) 1,3-Dichlorobenzene	11.117	146	2389040	276.524	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	25826749m	2939.599	ug/L	
67) 1,2-Dichlorobenzene	11.580	146	21934887m	2548.630	ug/L	
70) 1,2,4-trichlorobenzene	13.197	180	3260904	570.134	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	221681	39.320	ug/L	98

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