

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010924\
 Data File : VU057433.D
 Acq On : 09 Jan 2024 12:35
 Operator : MD/SY
 Sample : P1058-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCH92

Quant Time: Jan 10 00:36:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 10 00:35:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2024
 Supervised By :Semsettin Yesilyurt 01/10/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	273401	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	259857	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	109046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69833	37.111	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.220%		
7) Chloroethane-d5	1.914	69	57515	39.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.000%		
11) 1,1-Dichloroethene-d2	2.557	63	119328	29.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.840%#		
21) 2-Butanone-d5	4.634	46	84373	92.534	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.530%		
24) Chloroform-d	5.055	84	178491	40.112	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.220%		
26) 1,2-Dichloroethane-d4	5.695	65	129403	44.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.040%		
32) Benzene-d6	5.718	84	325972	46.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
36) 1,2-Dichloropropane-d6	6.682	67	91807	46.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.260%		
41) Toluene-d8	7.891	98	293125	44.843	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.680%		
43) trans-1,3-Dichloroprop...	8.177	79	53849	45.824	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.640%		
47) 2-Hexanone-d5	8.647	63	63941	99.350	ug/L	-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.350%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	129319	43.954	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.900%		
66) 1,2-Dichlorobenzene-d4	12.190	152	102275	47.954	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.900%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	2773	1.497	ug/L #	1
13) Acetone	2.644	43	33388	30.069	ug/L	82
19) 1,1-Dichloroethane	3.859	63	9389	2.676	ug/L	97
22) 2-Butanone	4.724	43	10174m	9.299	ug/L	

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

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