Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059440.D
Acq On : 24 Jun 2024 11:29
Operator : MD/SY
Sample : P3037-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E08C4

Quant Time: Jun 24 12:45:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:01:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	212947	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	101114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40576	31.824	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.640%			
7) Chloroethane-d5	1.908	69	43576	39.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.800%			
11) 1,1-Dichloroethene-d2	2.560	63	55739	22.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 44.300%#			
21) 2-Butanone-d5	4.612	46	99751	83.003	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.000%			
24) Chloroform-d	5.055	84	108053	42.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.140%			
26) 1,2-Dichloroethane-d4	5.695	65	69375	44.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.180%			
32) Benzene-d6	5.721	84	199808	40.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.060%			
36) 1,2-Dichloropropane-d6	6.686	67	68950	40.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.140%			
41) Toluene-d8	7.891	98	165719	39.113	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.220%#			
43) trans-1,3-Dichloroprop...	8.174	79	26851	38.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.200%			
47) 2-Hexanone-d5	8.628	63	58555	73.580	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.580%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	121321	41.655	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.300%			
66) 1,2-Dichlorobenzene-d4	12.187	152	76352	50.599	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.200%			
Target Compounds						Qvalue
13) Acetone	2.621	43	7372	5.219	ug/L	93
29) Cyclohexane	5.380	56	25151	8.663	ug/L	89
38) Bromodichloromethane	7.104	83	4016	1.546	ug/L	97
49) Dibromochloromethane	8.804	129	8263	4.561	ug/L	99
53) m,p-Xylene	9.685	106	81907	27.426	ug/L	92
59) Bromoform	10.287	173	4854	3.661	ug/L #	90
61) Isopropylbenzene	10.480	105	13939	1.959	ug/L	97
63) 1,2,4-Trimethylbenzene	11.464	105	31609	5.657	ug/L	95

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

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