Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037581.D
Acq On : 27 Sep 2024 04:02
Operator : SY/MD
Sample : P4185-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY050

Quant Time: Sep 27 05:58:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	694764	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	658280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	313648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	252757	41.443	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.880%		
7) Chloroethane-d5	1.532	69	200083	42.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.520%		
11) 1,1-Dichloroethene-d2	2.060	65	109404	42.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.880%		
21) 2-Butanone-d5	3.793	46	193378	89.019	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.020%		
24) Chloroform-d	4.243	84	457037	42.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.240%		
26) 1,2-Dichloroethane-d4	4.934	65	273153	43.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
32) Benzene-d6	4.953	84	919131	44.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.240%		
36) 1,2-Dichloropropane-d6	5.982	67	285899	43.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.180%		
41) Toluene-d8	7.236	98	811845	43.464	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.920%		
43) trans-1,3-Dichloroprop...	7.548	79	122144	40.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.180%		
47) 2-Hexanone-d5	8.024	63	115613	83.472	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.470%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	320627	42.069	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.140%		
66) 1,2-Dichlorobenzene-d4	11.554	152	303644	45.943	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.880%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	57515	9.343	ug/L	92
17) trans-1,2-Dichloroethene	2.690	96	9351	1.911	ug/L	96
19) 1,1-Dichloroethane	3.108	63	312316	33.313	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	215814	39.412	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	81857	10.096	ug/L	99
34) Trichloroethene	5.834	95	26820	5.073	ug/L	97
46) Tetrachloroethene	7.905	164	14609	3.614	ug/L	93
63) 1,2,4-Trimethylbenzene	10.850	105	35993	2.244	ug/L	97

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

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