Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037607.D
Acq On : 27 Sep 2024 15:37
Operator : SY/MD
Sample : P4184-02DL 10X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030DL

Quant Time: Sep 27 23:50:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	630272	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	616651	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	329980	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	227312	41.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.160%			
7) Chloroethane-d5	1.513	69	181782	42.328	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.660%			
11) 1,1-Dichloroethene-d2	2.053	65	99167	42.901	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.800%			
21) 2-Butanone-d5	3.793	46	185845	94.305	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.310%			
24) Chloroform-d	4.239	84	418372	42.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.000%			
26) 1,2-Dichloroethane-d4	4.934	65	254331	44.142	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.280%			
32) Benzene-d6	4.950	84	849316	44.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.020%			
36) 1,2-Dichloropropane-d6	5.982	67	269988	43.940	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.880%			
41) Toluene-d8	7.236	98	735210	42.019	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.040%			
43) trans-1,3-Dichloroprop...	7.548	79	119848	41.988	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.980%			
47) 2-Hexanone-d5	8.024	63	112423	86.648	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.650%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	315570	44.201	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.400%			
66) 1,2-Dichlorobenzene-d4	11.554	152	311450	44.791	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.580%			
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	225865	40.445	ug/L	100
8) Chloroethane	1.532	64	141998	41.254	ug/L	98
17) trans-1,2-Dichloroethene	2.686	96	8290	1.868	ug/L	90
19) 1,1-Dichloroethane	3.101	63	616656	72.505	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	291665	58.715	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	31684	4.172	ug/L	97
34) Trichloroethene	5.837	95	9142	1.846	ug/L	94
42) Toluene	7.320	91	44194	2.292	ug/L	98
52) Ethylbenzene	8.943	91	172245	7.937	ug/L	100
53) m,p-Xylene	9.066	106	183545	22.725	ug/L	98
54) o-Xylene	9.474	106	87713	11.123	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	132463	7.810	ug/L	95
63) 1,2,4-Trimethylbenzene	10.844	105	866771	51.362	ug/L	100

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

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