Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028486.D
Acq On : 09 Oct 2022 15:07
Operator : SY/MD
Sample : N4923-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10044

Quant Time: Oct 10 05:27:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 10 05:21:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	354903	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	323442	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	173443	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128579	46.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.900%			
7) Chloroethane-d5	1.564	69	97378	44.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.700%			
11) 1,1-Dichloroethene-d2	2.101	63	170756	36.638	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.280%			
21) 2-Butanone-d5	3.889	46	150785	62.899	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 62.900%			
24) Chloroform-d	4.342	84	246955	49.171	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.340%			
26) 1,2-Dichloroethane-d4	5.024	65	163442	50.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.920%			
32) Benzene-d6	5.043	84	518251	50.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.000%			
36) 1,2-Dichloropropane-d6	6.063	67	159013	47.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.120%			
41) Toluene-d8	7.310	98	481069	51.844	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.680%			
43) trans-1,3-Dichloroprop...	7.616	79	78820	45.762	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.520%			
47) 2-Hexanone-d5	8.082	63	152466	82.943	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.940%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	209109	45.222	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.440%			
66) 1,2-Dichlorobenzene-d4	11.615	152	183831	51.151	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.300%			
Target Compounds						Qvalue
33) Benzene	5.095	78	133039	12.506	ug/L	100
42) Toluene	7.387	91	36782	3.355	ug/L	96
52) Ethylbenzene	9.005	91	168767	14.122	ug/L	98
53) m,p-Xylene	9.136	106	16333	3.606	ug/L	97
54) o-Xylene	9.538	106	39753	8.765	ug/L	97
60) Isopropylbenzene	9.924	105	37160	2.973	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	10862	1.003	ug/L	94
63) 1,2,4-Trimethylbenzene	10.908	105	14528	1.352	ug/L	96

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

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