Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039262.D
Acq On : 16 Dec 2023 04:17
Operator : JC/MD
Sample : 05845-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHE3

Quant Time: Dec 16 06:58:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	239359	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	223009	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61136	32.564	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.120%			
7) Chloroethane-d5	1.666	69	50581	36.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.900%			
11) 1,1-Dichloroethene-d2	2.306	65	32965	40.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.000%			
21) 2-Butanone-d5	4.446	46	151319	89.042	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.040%			
24) Chloroform-d	5.056	84	144791	43.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.140%			
26) 1,2-Dichloroethane-d4	5.952	65	101803	47.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.600%			
32) Benzene-d6	5.970	84	287875	41.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.660%			
36) 1,2-Dichloropropane-d6	7.306	67	94603	42.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.420%			
41) Toluene-d8	8.647	98	256736	41.162	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.320%			
43) trans-1,3-Dichloroprop...	8.952	79	42456	37.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.340%			
47) 2-Hexanone-d5	9.384	63	108020	81.654	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.650%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137343	43.711	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.420%			
66) 1,2-Dichlorobenzene-d4	12.317	152	89023	46.223	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.440%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	1922	0.977	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	26595	17.247	ug/L #	52
13) Acetone	2.374	43	47418	29.045	ug/L	96
19) 1,1-Dichloroethane	3.611	63	6528	2.032	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	43569	23.120	ug/L	97
22) 2-Butanone	4.562	43	39103	19.516	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	3524	1.302	ug/L	94
34) Trichloroethene	7.123	95	82477	44.036	ug/L	95
46) Tetrachloroethene	9.275	164	1321	1.069	ug/L	94

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

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