Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
Data File : VU055823.D
Acq On : 20 Oct 2023 11:09
Operator : MD/SY
Sample : 04947-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45J1

Quant Time: Oct 23 01:05:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	478922	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	488519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	244047	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	191544	44.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.180%			
7) Chloroethane-d5	1.891	69	158760	45.212	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.420%			
11) 1,1-Dichloroethene-d2	2.560	63	269101	35.133	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.260%			
21) 2-Butanone-d5	4.615	46	267635	84.081	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.080%			
24) Chloroform-d	5.055	84	379062	46.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.060%			
26) 1,2-Dichloroethane-d4	5.695	65	245721	48.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.960%			
32) Benzene-d6	5.721	84	761529	48.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.440%			
36) 1,2-Dichloropropane-d6	6.685	67	240421	48.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.180%			
41) Toluene-d8	7.894	98	677649	48.013	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.020%			
43) trans-1,3-Dichloroprop...	8.174	79	107076	45.047	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.100%			
47) 2-Hexanone-d5	8.631	63	141900	72.945	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 72.950%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	383488	50.349	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.700%			
66) 1,2-Dichlorobenzene-d4	12.190	152	268594	55.461	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.920%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	581003	139.917	ug/L	97
12) 1,1-Dichloroethene	2.567	96	9822	2.893	ug/L #	1
17) trans-1,2-Dichloroethene	3.345	96	210911	60.749	ug/L	95
20) cis-1,2-Dichloroethene	4.657	96	8443630	2130.912	ug/L	99
29) Cyclohexane	5.383	56	59522	10.630	ug/L	96
33) Benzene	5.772	78	14249	0.923	ug/L	100
34) Trichloroethene	6.538	95	5428160	1284.671	ug/L	98
35) Methylcyclohexane	6.759	83	44704	7.292	ug/L	91
46) Tetrachloroethene	8.554	164	12354383	4083.809	ug/L	95
52) Ethylbenzene	9.570	91	24471	1.374	ug/L	94

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

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