Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055887.D
Acq On : 25 Oct 2023 18:22
Operator : MD/SY
Sample : 04946-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY1B8

Quant Time: Oct 26 01:55:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 26 01:50:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	566907	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	566966	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	306550	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	235850	46.382	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.760%			
7) Chloroethane-d5	1.885	69	190656	45.869	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.740%			
11) 1,1-Dichloroethene-d2	2.560	63	322803	35.603	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.200%			
21) 2-Butanone-d5	4.615	46	273970	72.712	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 72.710%			
24) Chloroform-d	5.058	84	419732	43.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.120%			
26) 1,2-Dichloroethane-d4	5.695	65	273864	45.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.280%			
32) Benzene-d6	5.721	84	887159	48.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.820%			
36) 1,2-Dichloropropane-d6	6.685	67	275981	48.056	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.120%			
41) Toluene-d8	7.894	98	788354	48.129	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.260%			
43) trans-1,3-Dichloroprop...	8.177	79	127741	46.305	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.620%			
47) 2-Hexanone-d5	8.631	63	257954	114.257	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.260%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	431228	48.783	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.560%			
66) 1,2-Dichlorobenzene-d4	12.190	152	323580	53.191	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.380%			
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	64972	13.218	ug/L	85
12) 1,1-Dichloroethene	2.570	96	11087	2.759	ug/L #	1
13) Acetone	2.621	43	13040	3.729	ug/L	91
17) trans-1,2-Dichloroethene	3.351	96	3975	0.967	ug/L #	78
20) cis-1,2-Dichloroethene	4.657	96	781277	166.569	ug/L	98
25) Chloroform	5.081	83	16301	1.852	ug/L	99
29) Cyclohexane	5.386	56	11146	1.715	ug/L	92
31) Carbon tetrachloride	5.518	117	15359	2.396	ug/L	94
34) Trichloroethene	6.537	95	268640	54.782	ug/L	97
35) Methylcyclohexane	6.753	83	9546	1.342	ug/L #	81
46) Tetrachloroethene	8.550	164	1224066	348.637	ug/L	98

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

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