Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
Data File : VU047677.D
Acq On : 25 Mar 2022 17:16
Operator : SY/MD
Sample : N2081-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y8

Quant Time: Mar 26 04:20:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 26 02:50:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	341360	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	348836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	190429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	90115	36.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.800%			
7) Chloroethane-d5	1.916	69	76073	38.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.940%			
11) 1,1-Dichloroethene-d2	2.578	63	255621	56.441	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 112.880%			
21) 2-Butanone-d5	4.639	46	176714	83.171	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.170%			
24) Chloroform-d	5.067	84	180155	39.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.540%			
26) 1,2-Dichloroethane-d4	5.703	65	115117	41.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.880%			
32) Benzene-d6	5.729	84	362500	41.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.600%			
36) 1,2-Dichloropropane-d6	6.694	67	115708	42.923	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.840%			
41) Toluene-d8	7.899	98	339493	39.697	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.400%#			
43) trans-1,3-Dichloroprop...	8.182	79	50259	36.801	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.600%			
47) 2-Hexanone-d5	8.636	63	127188	80.597	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.600%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182937	39.543	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.080%			
66) 1,2-Dichlorobenzene-d4	12.195	152	145160	42.846	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.700%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	7534	1.731	ug/L	95
12) 1,1-Dichloroethene	2.584	96	249773	106.669	ug/L #	74
17) trans-1,2-Dichloroethene	3.363	96	6569	2.601	ug/L	98
19) 1,1-Dichloroethane	3.874	63	443949	101.921	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	315785	114.048	ug/L	96
25) Chloroform	5.092	83	21975	4.686	ug/L	100
27) 1,2-Dichloroethane	5.800	62	3352	0.925	ug/L #	93
30) 1,1,1-Trichloroethane	5.321	97	1273347	321.923	ug/L	99
31) Carbon tetrachloride	5.533	117	1810	0.507	ug/L	89
34) Trichloroethene	6.546	95	289278	109.278	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	6866	2.522	ug/L	97
46) Tetrachloroethene	8.555	164	160331	67.398	ug/L	99

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

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