Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
Data File : VU052818.D
Acq On : 26 Jan 2023 16:08
Operator : JC/MD
Sample : 01316-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44H5

Quant Time: Jan 27 04:33:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 27 04:23:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	230898	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	222169	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	120887	72.740	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 145.480%#			
7) Chloroethane-d5	1.912	69	103457	75.551	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 151.100%#			
11) 1,1-Dichloroethene-d2	2.559	63	221345	66.963	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 133.920%#			
21) 2-Butanone-d5	4.629	46	155319	151.288	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 151.290%#			
24) Chloroform-d	5.057	84	252782	71.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 142.540%#			
26) 1,2-Dichloroethane-d4	5.697	65	170459	75.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 150.540%#			
32) Benzene-d6	5.719	84	520929	76.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 153.500%#			
36) 1,2-Dichloropropane-d6	6.684	67	154674	77.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 155.400%#			
41) Toluene-d8	7.893	98	482253	78.025	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 156.060%#			
43) trans-1,3-Dichloroprop...	8.176	79	77863	78.037	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 156.080%#			
47) 2-Hexanone-d5	8.652	63	120901	172.845	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 172.850%#			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	220063	74.820	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 149.640%#			
66) 1,2-Dichlorobenzene-d4	12.192	152	188092	81.070	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 162.140%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	87398	44.303	ug/L	97
8) Chloroethane	1.932	64	73263	59.127	ug/L	96
12) 1,1-Dichloroethene	2.572	96	63324	37.073	ug/L #	77
14) Carbon disulfide	2.784	76	294197	57.027	ug/L	100
15) Methyl Acetate	2.948	43	114206	67.600	ug/L	98
16) Methylene chloride	3.041	84	70281	34.589	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	254631	46.913	ug/L	99
19) 1,1-Dichloroethane	3.861	63	77025	23.793	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	45131	22.900	ug/L	94
27) 1,2-Dichloroethane	5.787	62	183927	63.929	ug/L	99
30) 1,1,1-Trichloroethane	5.308	97	143828	44.012	ug/L	99
34) Trichloroethene	6.536	95	146612	76.273	ug/L	96
37) 1,2-Dichloropropane	6.787	63	50729	27.284	ug/L	100
40) 4-Methyl-2-pentanone	7.809	43	120473	54.998	ug/L	100
42) Toluene	7.967	91	266444	34.376	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	48063	16.792	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	86498	45.493	ug/L	98
46) Tetrachloroethene	8.549	164	66380	40.104	ug/L	97
48) 2-Hexanone	8.703	43	114132	61.589	ug/L	95

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
Data File : VU052818.D
Acq On : 26 Jan 2023 16:08
Operator : JC/MD
Sample : 01316-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44H5

Quant Time: Jan 27 04:33:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 27 04:23:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.922	107	90123	44.040	ug/L	97
51) Chlorobenzene	9.446	112	300250	56.306	ug/L	98
52) Ethylbenzene	9.568	91	587284	70.902	ug/L	100
53) m,p-Xylene	9.687	106	162494	48.459	ug/L	96
54) o-xylene	10.099	106	76824	23.999	ug/L	99
55) Styrene	10.115	104	211440	38.491	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	230532	74.920	ug/L	99
59) Bromoform	10.295	173	38174	23.314	ug/L	99
61) Isopropylbenzene	10.481	105	396265	51.349	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	89450	22.974	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	184307	45.726	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	279411	70.950	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	53780	80.949	ug/L	96
72) 1,2,3-Trichlorobenzene	14.327	180	103096	40.368	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
Data File : VU052818.D
Acq On : 26 Jan 2023 16:08
Operator : JC/MD
Sample : 01316-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44H5

Quant Time: Jan 27 04:33:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 27 04:23:26 2023
Response via : Initial Calibration