Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
Data File : VU048984.D
Acq On : 09 Jun 2022 18:29
Operator : SY/MD
Sample : N3248-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYY0

Quant Time: Jun 10 01:05:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 10 01:01:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	321570	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	302039	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	147040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103126	52.359	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.720%			
7) Chloroethane-d5	1.900	69	73673	49.927	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.860%			
11) 1,1-Dichloroethene-d2	2.562	63	148633	33.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.740%			
21) 2-Butanone-d5	4.620	46	224112	119.570	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.570%			
24) Chloroform-d	5.063	84	214862	43.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.340%			
26) 1,2-Dichloroethane-d4	5.700	65	138356	39.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.800%			
32) Benzene-d6	5.726	84	404076	48.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.140%			
36) 1,2-Dichloropropane-d6	6.690	67	140786	57.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.100%			
41) Toluene-d8	7.899	98	359735	45.497	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.000%			
43) trans-1,3-Dichloroprop...	8.179	79	67723	42.917	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.840%			
47) 2-Hexanone-d5	8.632	63	150489	111.198	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.200%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	207328	50.773	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.540%			
66) 1,2-Dichlorobenzene-d4	12.195	152	141677	47.133	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.260%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	134249	59.187	ug/L	97
8) Chloroethane	1.922	64	1244714	932.324	ug/L	100
9) Trichlorofluoromethane	2.131	101	2349	0.530	ug/L	94
12) 1,1-Dichloroethene	2.575	96	19317	9.233	ug/L #	1
13) Acetone	2.626	43	4241	2.785	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	11091	4.915	ug/L	91
19) 1,1-Dichloroethane	3.867	63	1536078	371.813	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	771350	303.103	ug/L	99
27) 1,2-Dichloroethane	5.796	62	5919	1.431	ug/L #	92
30) 1,1,1-Trichloroethane	5.317	97	1756424	384.061	ug/L	99
33) Benzene	5.774	78	8352	0.946	ug/L	100
34) Trichloroethene	6.542	95	18153	7.271	ug/L	95
35) Methylcyclohexane	6.764	83	2879	0.804	ug/L #	83
42) Toluene	7.970	91	232275	24.150	ug/L	100
46) Tetrachloroethene	8.555	164	33065	16.230	ug/L	95
52) Ethylbenzene	9.571	91	69685	6.340	ug/L	97
53) m,p-Xylene	9.690	106	53739	12.166	ug/L	95
54) o-Xylene	10.099	106	33340	7.879	ug/L	99
61) Isopropylbenzene	10.484	105	11144	1.231	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.089	105	30252	5.876	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	161197	20.136	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	7978	1.680	ug/L	98

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

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