Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049042.D
Acq On : 11 Jun 2022 09:30
Operator : SY/MD
Sample : N3249-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYZ2

Quant Time: Jun 11 10:46:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 11 04:33:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	235676	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	227039	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73701	50.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.520%			
7) Chloroethane-d5	1.903	69	54725	51.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.680%			
11) 1,1-Dichloroethene-d2	2.565	63	117934	43.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.100%			
21) 2-Butanone-d5	4.620	46	163006	102.402	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.400%			
24) Chloroform-d	5.063	84	160507	51.823	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.640%			
26) 1,2-Dichloroethane-d4	5.700	65	110569	55.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.200%			
32) Benzene-d6	5.726	84	300801	53.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.860%			
36) 1,2-Dichloropropane-d6	6.690	67	105273	55.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.240%			
41) Toluene-d8	7.896	98	268496	54.077	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.160%			
43) trans-1,3-Dichloroprop...	8.179	79	39893	44.805	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.600%			
47) 2-Hexanone-d5	8.632	63	93276	94.167	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.170%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	166721	52.742	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.480%			
66) 1,2-Dichlorobenzene-d4	12.192	152	113206	57.217	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.440%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	99078	47.676	ug/L	97
8) Chloroethane	1.925	64	179302	154.476	ug/L	96
9) Trichlorofluoromethane	2.137	101	2700	0.923	ug/L	96
12) 1,1-Dichloroethene	2.578	96	30742	21.153	ug/L #	61
13) Acetone	2.626	43	4751	3.793	ug/L	86
17) trans-1,2-Dichloroethene	3.353	96	15670	9.806	ug/L	92
19) 1,1-Dichloroethane	3.867	63	1253840	364.217	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	2077791	1068.758	ug/L	100
27) 1,2-Dichloroethane	5.796	62	11454	3.922	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	1551024	489.863	ug/L	99
33) Benzene	5.774	78	8322	1.131	ug/L	100
34) Trichloroethene	6.542	95	17109	9.228	ug/L	97
35) Methylcyclohexane	6.764	83	3306	1.277	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	6764	1.936	ug/L	95
42) Toluene	7.970	91	49894	6.563	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	1605	0.799	ug/L	91
46) Tetrachloroethene	8.552	164	27204	18.925	ug/L	97
52) Ethylbenzene	9.571	91	18947	2.292	ug/L	97
53) m,p-Xylene	9.693	106	15327	4.722	ug/L	90

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54) o-Xylene	10.098	106	34666	10.600	ug/L		95
62) 1,3,5-Trimethylbenzene	11.089	105	68302	10.358	ug/L		99
63) 1,2,4-Trimethylbenzene	11.468	105	57117	10.879	ug/L		98
67) 1,2-Dichlorobenzene	12.211	146	3327	0.846	ug/L	#	80

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

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