Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010522\
Data File : VV024282.D
Acq On : 05 Jan 2022 16:56
Operator : SY/MD
Sample : N1025-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 06 01:01:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 06 00:59:13 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BGLH4

Manual Integrations APPROVED

Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	259159	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	237469	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	136899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	82767	44.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.760%			
7) Chloroethane-d5	1.568	69	65152	45.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.960%			
11) 1,1-Dichloroethene-d2	2.108	63	120621	34.603	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.200%			
21) 2-Butanone-d5	3.876	46	101547	97.721	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.720%			
24) Chloroform-d	4.342	84	151091	44.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.640%			
26) 1,2-Dichloroethane-d4	5.027	65	104180	45.647	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.300%			
32) Benzene-d6	5.047	84	294112	47.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.920%			
36) 1,2-Dichloropropane-d6	6.066	67	81893	47.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.300%			
41) Toluene-d8	7.313	98	282726	47.121	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.240%			
43) trans-1,3-Dichloroprop...	7.619	79	45728	45.726	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.460%			
47) 2-Hexanone-d5	8.082	63	78877	104.538	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.540%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	115924	46.708	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.420%			
66) 1,2-Dichlorobenzene-d4	11.622	152	131123	48.053	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.100%			
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	65461	35.220	ug/L	98
12) 1,1-Dichloroethene	2.114	96	2240	1.419	ug/L #	1
13) Acetone	2.172	43	152683	148.817	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	5875	3.612	ug/L	92
19) 1,1-Dichloroethane	3.188	63	56897	21.088	ug/L	96
20) cis-1,2-Dichloroethene	3.905	96	547727	315.280	ug/L	99
22) 2-Butanone	3.963	43	76185	69.904	ug/L	94
27) 1,2-Dichloroethane	5.127	62	24100	9.393	ug/L	96
29) Cyclohexane	4.677	56	2235	1.053	ug/L #	95
33) Benzene	5.095	78	856521	141.850	ug/L	100
35) Methylcyclohexane	6.124	83	2239m	0.907	ug/L	
40) 4-Methyl-2-pentanone	7.230	43	12266	6.623	ug/L	97
42) Toluene	7.384	91	2680104	395.409	ug/L	99
51) Chlorobenzene	8.879	112	65720	14.395	ug/L	99
52) Ethylbenzene	9.008	91	1630923	225.231	ug/L	100
53) m,p-Xylene	9.136	106	957296	329.818	ug/L	97
54) o-Xylene	9.542	106	566054	204.301	ug/L	98
60) Isopropylbenzene	9.931	105	216654	28.600	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	132135	20.278	ug/L	100

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63) 1,2,4-Trimethylbenzene	10.911	105	1135087	174.483	ug/L		100
64) 1,3-Dichlorobenzene	11.181	146	3874	0.992	ug/L		94
65) 1,4-Dichlorobenzene	11.271	146	9720	2.413	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	93278	23.172	ug/L		98
70) 1,2,4-trichlorobenzene	13.262	180	12263	4.773	ug/L		96
72) 1,2,3-Trichlorobenzene	13.744	180	3249	1.223	ug/L	#	92

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

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