Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
Data File : VX025642.D
Acq On : 09 Dec 2021 00:09
Operator : JC/MD
Sample : M4975-07
Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGKT1

Quant Time: Dec 09 03:32:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	150164	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	134937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70645	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	38663	37.727	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.460%		
7) Chloroethane-d5	1.648	69	21367	25.262	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	50.520%#		
11) 1,1-Dichloroethene-d2	2.282	63	70744	43.295	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.580%		
21) 2-Butanone-d5	4.489	46	64029	83.933	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.930%		
24) Chloroform-d	5.068	84	77821	43.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.900%		
26) 1,2-Dichloroethane-d4	5.958	65	50757	45.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
32) Benzene-d6	5.976	84	167981	46.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.940%		
36) 1,2-Dichloropropane-d6	7.312	67	50785	45.866	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.740%		
41) Toluene-d8	8.653	98	154469	45.761	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.520%		
43) trans-1,3-Dichloroprop...	8.958	79	22082	39.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.340%		
47) 2-Hexanone-d5	9.403	63	47576	82.544	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.540%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	66989	42.808	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.620%		
66) 1,2-Dichlorobenzene-d4	12.323	152	63053	45.506	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.294	101	14021	16.113	ug/L	98
12) 1,1-Dichloroethene	2.294	96	28086	34.831	ug/L	86
19) 1,1-Dichloroethane	3.605	63	29348	18.877	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	2303210	1546.212	ug/L	99
34) Trichloroethene	7.129	95	579402	611.091	ug/L	98
42) Toluene	8.720	91	126510	31.822	ug/L	100
46) Tetrachloroethene	9.293	164	4114819	5117.320	ug/L	95
52) Ethylbenzene	10.201	91	6026	1.410	ug/L	96
53) m,p-Xylene	10.305	106	21505	12.426	ug/L	100
54) o-Xylene	10.646	106	6021	3.476	ug/L	90
63) 1,2,4-Trimethylbenzene	11.756	105	4243	1.106	ug/L #	78
67) 1,2-Dichlorobenzene	12.341	146	1923	0.912	ug/L	98

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

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