Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
Data File : VX025742.D
Acq On : 11 Dec 2021 14:48
Operator : JC/MD
Sample : M4997-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW5R2

Quant Time: Dec 12 06:35:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	93496	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	86645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	37603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24317	38.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.220%			
7) Chloroethane-d5	1.666	69	22699	43.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.306	63	36673	36.047	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.100%			
21) 2-Butanone-d5	4.465	46	46578	98.064	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.060%			
24) Chloroform-d	5.062	84	53575	48.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.080%			
26) 1,2-Dichloroethane-d4	5.964	65	35924	51.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.360%			
32) Benzene-d6	5.976	84	104150	45.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.700%			
36) 1,2-Dichloropropane-d6	7.312	67	32974	46.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.760%			
41) Toluene-d8	8.653	98	95523	44.070	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.140%			
43) trans-1,3-Dichloroprop...	8.952	79	15666	43.827	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.660%			
47) 2-Hexanone-d5	9.384	63	32904	88.907	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.910%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48286	48.055	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.100%			
66) 1,2-Dichlorobenzene-d4	12.323	152	34515	46.798	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	1629	2.464	ug/L #	41
12) 1,1-Dichloroethene	2.319	96	1025	2.042	ug/L #	1
17) trans-1,2-Dichloroethene	3.099	96	979	1.811	ug/L	82
19) 1,1-Dichloroethane	3.611	63	51623	53.330	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	14688	23.060	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	71507	74.760	ug/L	98
46) Tetrachloroethene	9.275	164	2879	5.576	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	2635	1.290	ug/L #	80

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

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