Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
Data File : VX042494.D
Acq On : 24 Jul 2024 00:13
Operator : JC/MD
Sample : P3327-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E20F5

Quant Time: Jul 24 03:56:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 24 03:44:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	203827	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.055	117	181352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81162	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	53369	44.984	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.960%			
7) Chloroethane-d5	1.648	69	35167	47.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.160%			
11) 1,1-Dichloroethene-d2	2.300	65	21586	41.573	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.140%			
21) 2-Butanone-d5	4.477	46	93157	108.960	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.960%			
24) Chloroform-d	5.062	84	119439	50.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.140%			
26) 1,2-Dichloroethane-d4	5.952	65	76675	54.457	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.920%			
32) Benzene-d6	5.977	84	242820	51.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.600%			
36) 1,2-Dichloropropane-d6	7.318	67	74424	52.758	ug/L	0.01
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.520%			
41) Toluene-d8	8.647	98	215912	49.427	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.860%			
43) trans-1,3-Dichloroprop...	8.952	79	31666	51.939	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.880%			
47) 2-Hexanone-d5	9.385	63	65109	101.680	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.680%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103396	49.578	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.160%			
66) 1,2-Dichlorobenzene-d4	12.317	152	81108	51.451	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.900%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	528775	364.892	ug/L	99
12) 1,1-Dichloroethene	2.319	96	100085	81.295	ug/L #	80
17) trans-1,2-Dichloroethene	3.093	96	109351	86.357	ug/L	97
19) 1,1-Dichloroethane	3.611	63	81451	35.820	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	5530953	3717.951	ug/L	99
33) Benzene	6.044	78	5696	1.123	ug/L	100
34) Trichloroethene	7.184	95	25461751	19167.126	ug/L	93
42) Toluene	8.720	91	43628	8.062	ug/L	99
46) Tetrachloroethene	9.275	164	2228	1.792	ug/L	94

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

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