Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
Data File : VX042495.D
Acq On : 24 Jul 2024 00:36
Operator : JC/MD
Sample : P3327-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E20F6

Quant Time: Jul 24 06:27:12 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	6.763	114	201192	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49565	42.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.640%			
7) Chloroethane-d5	1.648	69	34225	46.417	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.840%			
11) 1,1-Dichloroethene-d2	2.300	65	23339	45.537	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.080%			
21) 2-Butanone-d5	4.465	46	81630	96.728	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.730%			
24) Chloroform-d	5.056	84	114075	48.448	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.900%			
26) 1,2-Dichloroethane-d4	5.958	65	72772	52.362	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.720%			
32) Benzene-d6	5.970	84	235170	50.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.520%			
36) 1,2-Dichloropropane-d6	7.312	67	71722	51.441	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.880%			
41) Toluene-d8	8.647	98	209970	48.633	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.260%			
43) trans-1,3-Dichloroprop...	8.952	79	28450	47.213	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.420%			
47) 2-Hexanone-d5	9.384	63	61034	96.439	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.440%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	99413	48.229	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.460%			
66) 1,2-Dichlorobenzene-d4	12.317	152	82158	52.407	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.820%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	32078	22.426	ug/L	94
8) Chloroethane	1.666	64	3524	4.943	ug/L	98
12) 1,1-Dichloroethene	2.313	96	28503	23.455	ug/L #	77
17) trans-1,2-Dichloroethene	3.087	96	18426	14.742	ug/L	95
19) 1,1-Dichloroethane	3.605	63	308227	137.327	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	2452259	1670.018	ug/L	99
27) 1,2-Dichloroethane	6.098	62	2914	1.671	ug/L	97
34) Trichloroethene	7.135	95	7607338	5794.074	ug/L	94

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

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