Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040648.D
Acq On : 15 Mar 2024 12:58
Operator : JC/MD
Sample : P1753-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCKZ7

Quant Time: Mar 16 02:52:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 01:57:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	146883	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	139218	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66821	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50835	39.482	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.960%			
7) Chloroethane-d5	1.666	69	45417	44.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.360%			
11) 1,1-Dichloroethene-d2	2.307	65	24674	41.629	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.260%			
21) 2-Butanone-d5	4.446	46	96029	97.192	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.190%			
24) Chloroform-d	5.062	84	113481	47.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.920%			
26) 1,2-Dichloroethane-d4	5.958	65	85093	47.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.340%			
32) Benzene-d6	5.971	84	195083	45.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.340%			
36) 1,2-Dichloropropane-d6	7.306	67	63819	48.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.420%			
41) Toluene-d8	8.647	98	176076	42.777	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.560%			
43) trans-1,3-Dichloroprop...	8.952	79	31638	44.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.820%			
47) 2-Hexanone-d5	9.385	63	70331	96.290	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.290%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	97930	49.411	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.820%			
66) 1,2-Dichlorobenzene-d4	12.317	152	69956	49.985	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.980%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	100207	81.274	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	6639	6.524	ug/L #	68
12) 1,1-Dichloroethene	2.319	96	913452	1020.252	ug/L #	72
13) Acetone	2.380	43	35061	49.692	ug/L	97
19) 1,1-Dichloroethane	3.611	63	116075	64.995	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	19380	18.804	ug/L	97
27) 1,2-Dichloroethane	6.086	62	7799	4.403	ug/L #	78
30) 1,1,1-Trichloroethane	5.379	97	60744	35.033	ug/L	100
33) Benzene	6.038	78	31209	8.345	ug/L	100
34) Trichloroethene	7.123	95	18497	16.754	ug/L	91

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

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