Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040650.D
Acq On : 15 Mar 2024 13:44
Operator : JC/MD
Sample : P1753-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCKZ9

Quant Time: Mar 16 02:52:41 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	144358	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	138756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64252	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48321	38.186	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.380%			
7) Chloroethane-d5	1.666	69	44599	44.146	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.300%			
11) 1,1-Dichloroethene-d2	2.307	65	22964	39.422	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.840%			
21) 2-Butanone-d5	4.452	46	92470	95.227	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.230%			
24) Chloroform-d	5.056	84	109065	46.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.820%			
26) 1,2-Dichloroethane-d4	5.958	65	82809	47.198	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.400%			
32) Benzene-d6	5.971	84	188979	44.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.780%			
36) 1,2-Dichloropropane-d6	7.306	67	61875	46.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.800%			
41) Toluene-d8	8.647	98	170547	41.572	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.140%			
43) trans-1,3-Dichloroprop...	8.952	79	30901	44.006	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.020%			
47) 2-Hexanone-d5	9.385	63	67374	92.549	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.550%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94716	47.949	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.900%			
66) 1,2-Dichlorobenzene-d4	12.317	152	68734	51.076	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.160%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	12793	10.557	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	3410	3.410	ug/L #	70
12) 1,1-Dichloroethene	2.319	96	373014	423.914	ug/L #	74
13) Acetone	2.380	43	14975	21.595	ug/L	99
19) 1,1-Dichloroethane	3.611	63	41872	23.856	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	42513	41.970	ug/L	94
27) 1,2-Dichloroethane	6.086	62	40810	23.445	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	53530	30.975	ug/L	98
33) Benzene	6.044	78	6526	1.751	ug/L	100
34) Trichloroethene	7.129	95	25516	23.188	ug/L	94

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

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