Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042424\
Data File : VV035397.D
Acq On : 24 Apr 2024 19:02
Operator : SY/MD
Sample : P2182-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 25 02:03:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 01:57:41 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MC0RC8

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 04/25/2024
Supervised By :Semsettin Yesilyurt 04/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	416634	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.799	117	456062	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.194	152	296918m	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	153496	38.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.300%		
7) Chloroethane-d5	1.532	69	135678	38.823	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.640%		
11) 1,1-Dichloroethene-d2	2.056	65	68181	38.656	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.320%		
21) 2-Butanone-d5	3.793	46	204705	85.782	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.780%		
24) Chloroform-d	4.246	84	317252	46.896	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.800%		
26) 1,2-Dichloroethane-d4	4.947	65	205605	47.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.740%		
32) Benzene-d6	4.966	84	627201	40.942	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.880%		
36) 1,2-Dichloropropane-d6	5.989	67	198238	40.751	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.500%		
41) Toluene-d8	7.243	98	517156	37.485	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.960%#		
43) trans-1,3-Dichloroprop...	7.555	79	87691	37.080	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.160%		
47) 2-Hexanone-d5	8.027	63	130901	71.171	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.170%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	305394	45.588	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.180%		
66) 1,2-Dichlorobenzene-d4	11.574	152	286275	42.943	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.880%		
Target Compounds						Qvalue
25) Chloroform	4.278	83	83780	13.669	ug/L	97
29) Cyclohexane	4.584	56	14317	2.506	ug/L	95
31) Carbon tetrachloride	4.735	117	73151	14.518	ug/L	100
33) Benzene	4.995	78	35597163m	2393.644	ug/L	
35) Methylcyclohexane	6.050	83	8963m	1.479	ug/L	
46) Tetrachloroethene	7.915	164	2928	1.044	ug/L	91
51) Chlorobenzene	8.808	112	35977413m	3565.328	ug/L	
64) 1,3-Dichlorobenzene	11.117	146	4388860	438.749	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	26773543m	2631.966	ug/L	
67) 1,2-Dichlorobenzene	11.580	146	23631563m	2371.482	ug/L	
70) 1,2,4-trichlorobenzene	13.197	180	5195136	784.497	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	652320	99.931	ug/L	99

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

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