Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071824\
Data File : VW029632.D
Acq On : 18 Jul 2024 14:40
Operator : SY/MD
Sample : P3264-04DL 4X
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4DH5DL

Quant Time: Jul 19 01:14:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 19 01:07:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	228595	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	213172	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100839	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	65158	17.645	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.560%			
7) Chloroethane-d5	2.899	69	52271	19.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.640%			
11) 1,1-Dichloroethene-d2	4.021	65	31211	18.822	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.280%			
21) 2-Butanone-d5	7.081	46	38821	35.020	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.040%			
24) Chloroform-d	7.648	84	147806	22.366	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.480%			
26) 1,2-Dichloroethane-d4	8.307	65	85200	21.980	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.920%			
32) Benzene-d6	8.276	84	277738	21.749	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	9.270	67	91596	22.433	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.720%			
41) Toluene-d8	10.319	98	250396	22.296	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.200%			
43) trans-1,3-Dichloroprop...	10.575	79	33195	19.199	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.800%			
47) 2-Hexanone-d5	10.922	63	26177	35.282	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.560%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66248	19.984	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	75323	21.449	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.800%			
Target Compounds						Qvalue
13) Acetone	4.125	43	73547	65.734	ug/L	99
16) Methylene chloride	4.917	84	80806	19.745	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	40384	12.832	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	29505	5.510	ug/L	94
19) 1,1-Dichloroethane	6.222	63	114715	17.750	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	72948	21.198	ug/L	89
22) 2-Butanone	7.173	43	25149	17.122	ug/L	96
25) Chloroform	7.673	83	60827	9.727	ug/L	98
31) Carbon tetrachloride	8.063	117	19671	4.412	ug/L	99
33) Benzene	8.325	78	317457	23.802	ug/L	100
34) Trichloroethene	9.093	95	93636	26.585	ug/L	96
38) Bromodichloromethane	9.642	83	78512	17.428	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	106731	19.267	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	149974	57.697	ug/L	99
42) Toluene	10.386	91	147129	10.783	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	32370	12.204	ug/L	97
46) Tetrachloroethene	10.861	164	31149	12.448	ug/L	88
49) Dibromochloromethane	11.129	129	57016	20.655	ug/L	98
50) 1,2-Dibromoethane	11.233	107	21261	8.411	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	11.727	91	295272	19.100	ug/L	99
53) m,p-Xylene	11.830	106	43827	7.723	ug/L	98
54) o-Xylene	12.160	106	63667	12.130	ug/L	93
55) Styrene	12.178	104	207204	22.450	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	72420	21.645	ug/L	92
59) Bromoform	12.349	173	34653	22.262	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	122200	18.756	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	10676	18.299	ug/L	90

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

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