Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048017.D
Acq On : 11 Oct 2024 19:15
Operator : RC/JU
Sample : P4237-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 12 00:44:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4EN6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	209851	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	843101	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	519518	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1095711	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	1004523	20.000	ng/ul	0.00
88) Perylene-d12	24.368	264	1188322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	10343	1.593	ng/uL	0.00
4) Pyridine-d5	3.669	84	21870	1.150	ng/ul	0.01
7) Phenol-d5	6.957	99	161074	8.117	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	98992	7.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	140799	9.752	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	102685	6.960	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	63197	9.414	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	66607	10.354	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	124455	9.685	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	36871m	1.856	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	365879	9.714	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	438056	9.809	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	36690	4.893	ng/ul	0.00
60) Fluorene-d10	15.410	176	342723	10.505	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	26549	4.141	ng/ul	0.00
73) Anthracene-d10	17.257	188	537013	9.967	ng/ul	0.00
81) Pyrene-d10	19.545	212	604187	10.598	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.162	264	474002	7.688	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.604	105	54678	2.166	ng/ul	90
50) Acenaphthylene	14.139	152	70524	1.400	ng/ul	98
52) Acenaphthene	14.480	153	47654	1.339	ng/ul	97
61) Fluorene	15.463	166	50815	1.271	ng/ul	98
72) Phenanthrene	17.198	178	1135080	17.665	ng/ul	99
74) Anthracene	17.286	178	231584	3.534	ng/ul	98
77) Carbazole	17.557	167	106567	1.794	ng/ul	100
80) Fluoranthene	19.209	202	2241868	33.388	ng/ul	99
82) Pyrene	19.574	202	1844936	24.687	ng/ul	96
85) Benzo(a)anthracene	21.362	228	982692	13.972	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	410459	10.348	ng/ul	98
87) Chrysene	21.427	228	1161242	16.936	ng/ul	98
90) Benzo(b)fluoranthene	23.427	252	1620493	21.867	ng/ul	98
91) Benzo(k)fluoranthene	23.486	252	545483m	7.199	ng/ul	
93) Benzo(a)pyrene	24.227	252	623619	8.861	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.732	276	631306	6.999	ng/ul	97
95) Dibenzo(a,h)anthracene	27.779	278	204846	2.771	ng/ul#	89
96) Benzo(g,h,i)perylene	28.785	276	84121m	1.190	ng/ul	

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

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