Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047907.D
Acq On : 08 Oct 2024 06:55
Operator : RC/JU
Sample : P4131-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 08 07:30:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4EX3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	337814	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	1365429	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.427	164	842044	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1689359	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1567975	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1759776	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	13578	1.299	ng/uL	0.00
4) Pyridine-d5	3.681	84	17170	0.561	ng/ul	0.02
7) Phenol-d5	6.963	99	223576	6.999	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	153914	6.790	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	204344	8.792	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	116532	4.907	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	93447	8.596	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	99781	9.578	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	187607	9.014	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	117311	3.646	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	559827	9.170	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	652190	9.010	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	57667	4.744	ng/ul	0.00
60) Fluorene-d10	15.421	176	512731	9.696	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	42220	4.271	ng/ul	0.00
73) Anthracene-d10	17.268	188	756047	9.102	ng/ul	0.00
81) Pyrene-d10	19.551	212	703203	7.902	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	471802	5.167	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.210	178	234399	2.366	ng/ul	100
80) Fluoranthene	19.221	202	585404	5.585	ng/ul	98
82) Pyrene	19.580	202	351753	3.015	ng/ul	96
85) Benzo(a)anthracene	21.374	228	260628	2.374	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	76873	1.242	ng/ul#	99
87) Chrysene	21.439	228	293382	2.741	ng/ul	98
90) Benzo(b)fluoranthene	23.444	252	391385	3.566	ng/ul	98
91) Benzo(k)fluoranthene	23.497	252	150839m	1.344	ng/ul	
93) Benzo(a)pyrene	24.244	252	108468	1.041	ng/ul	95

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

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