Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048054.D
Acq On : 15 Oct 2024 08:44
Operator : RC/JU
Sample : P4238-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 15 09:18:36 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 :
A4EZ7

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	309484	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1243623	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.421	164	760775	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1544961	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1421355	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1688121	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	19926	2.081	ng/uL	0.00
4) Pyridine-d5	3.663	84	159111	5.674	ng/ul	0.00
7) Phenol-d5	6.963	99	365051	12.474	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	213513	10.282	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	321709	15.109	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	265858	12.219	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	152308	15.382	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	174040	18.341	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	317049	16.726	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	306038	10.443	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	960964	17.422	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1161994	17.768	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	97171	8.848	ng/ul	0.02
60) Fluorene-d10	15.415	176	903488	18.911	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	56032	6.198	ng/ul	0.00
73) Anthracene-d10	17.262	188	1480582	19.490	ng/ul	0.00
81) Pyrene-d10	19.551	212	1744861	21.630	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	1841600	21.026	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.204	178	444039	4.901	ng/ul	99
74) Anthracene	17.298	178	95282	1.031	ng/ul	97
80) Fluoranthene	19.215	202	777296	8.181	ng/ul	99
82) Pyrene	19.580	202	781205	7.388	ng/ul	96
85) Benzo(a)anthracene	21.374	228	375833	3.776	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.292	149	142900	2.546	ng/ul#	97
87) Chrysene	21.433	228	402244	4.146	ng/ul	96
90) Benzo(b)fluoranthene	23.444	252	528500	5.020	ng/ul	95
91) Benzo(k)fluoranthene	23.497	252	162810m	1.512	ng/ul	
93) Benzo(a)pyrene	24.250	252	382436	3.825	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.768	276	268308	2.094	ng/ul	95
96) Benzo(g,h,i)perylene	28.826	276	266022	2.650	ng/ul	99

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

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