Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
Sample : P2775-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D48DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

Quant Time: Jun 25 00:10:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	280573	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	1121075	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.275	164	708467	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.027	188	1479723	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.262	240	1392236	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1646891	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	6390	0.942	ng/uL	0.00
4) Pyridine-d5	3.593	84	13461m	0.705	ng/ul	0.02
7) Phenol-d5	6.816	99	110966	4.613	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	56860	4.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	95198	5.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	87105	4.443	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	42936	5.009	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	43114	4.869	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	80662	4.880	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	82381	3.357	ng/ul	0.00
46) Dimethylphthalate-d6	13.686	166	274118	5.554	ng/ul	-0.01
49) Acenaphthylene-d8	13.963	160	303426	5.347	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.516	143	40338	4.082	ng/ul	0.01
60) Fluorene-d10	15.269	176	243476	5.830	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	20530	2.760	ng/ul	0.00
73) Anthracene-d10	17.121	188	400596	6.323	ng/ul	0.00
81) Pyrene-d10	19.427	212	434538	5.833	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	336049	4.273	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.457	128	101097	1.742	ng/ul	98
52) Acenaphthene	14.333	153	185468	4.370	ng/ul	97
56) Dibenzofuran	14.675	168	202446	3.511	ng/ul	97
61) Fluorene	15.322	166	238914	5.146	ng/ul	97
72) Phenanthrene	17.069	178	3271081	43.395	ng/ul	98
74) Anthracene	17.157	178	957832	12.540	ng/ul	99
77) Carbazole	17.433	167	343039	5.267	ng/ul	100
80) Fluoranthene	19.092	202	3819930	42.903	ng/ul	97
82) Pyrene	19.457	202	2849020	31.187	ng/ul	94
85) Benzo(a)anthracene	21.245	228	1804314	19.362	ng/ul	99
87) Chrysene	21.304	228	1660702m	19.079	ng/ul	
90) Benzo(b)fluoranthene	23.256	252	1881256	19.111	ng/ul	98
91) Benzo(k)fluoranthene	23.304	252	591081m	6.119	ng/ul	
93) Benzo(a)pyrene	24.033	252	807240	8.756	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.444	276	564563	5.314	ng/ul	97
95) Dibenzo(a,h)anthracene	27.474	278	217468m	2.507	ng/ul	

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

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