Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034437.D
Acq On : 07 Oct 2024 14:19
Operator : RC/JU
Sample : P4109-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 07 15:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4EH6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	174561	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.128	136	697409	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.028	164	438132	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	925758	20.000	ng/ul	-0.01
79) Chrysene-d12	21.028	240	885503	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	932378	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	9084	2.124	ng/uL	0.00
4) Pyridine-d5	3.399	84	12983m	1.021	ng/ul	0.01
7) Phenol-d5	6.575	99	158850	10.253	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	109830	11.426	ng/ul	0.00
11) 2-Chlorophenol-d4	6.917	132	152218	12.482	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	100622	7.893	ng/ul	-0.01
21) Nitrobenzene-d5	8.516	128	70848	12.745	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.234	143	76197	13.330	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	136063	12.639	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	46031m	2.824	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	442013	13.499	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	509626	13.835	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	36204	5.388	ng/ul	0.00
60) Fluorene-d10	15.034	176	397382	14.320	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	45619	8.265	ng/ul	0.00
73) Anthracene-d10	16.887	188	617088	14.178	ng/ul	-0.01
81) Pyrene-d10	19.198	212	646273	13.099	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.551	264	411088	8.583	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.193	105	56931	2.819	ng/ul	97
50) Acenaphthylene	13.746	152	47473	1.178	ng/ul	97
61) Fluorene	15.093	166	33993	1.056	ng/ul	93
72) Phenanthrene	16.828	178	783399	15.347	ng/ul	99
74) Anthracene	16.922	178	149339	2.865	ng/ul	99
77) Carbazole	17.198	167	77662	1.619	ng/ul	99
80) Fluoranthene	18.863	202	1840587	31.911	ng/ul	98
82) Pyrene	19.228	202	1263639	20.379	ng/ul	95
85) Benzo(a)anthracene	21.010	228	806670	12.777	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.975	149	173715	4.268	ng/ul#	94
87) Chrysene	21.069	228	952233	15.807	ng/ul	99
90) Benzo(b)fluoranthene	22.892	252	1226783	21.581	ng/ul	100
91) Benzo(k)fluoranthene	22.939	252	423257	7.548	ng/ul	97
93) Benzo(a)pyrene	23.610	252	362022	6.741	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.721	276	383029	5.757	ng/ul	99
95) Dibenzo(a,h)anthracene	26.763	278	137718	2.561	ng/ul	94

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

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