Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034445.D
Acq On : 07 Oct 2024 19:34
Operator : RC/JU
Sample : P4109-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 08 00:24:37 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 :
A4EW5

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	226405	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.128	136	922735	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.028	164	577355	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.792	188	1190581	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	907796	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	968474	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	17030	3.069	ng/uL	0.00
4) Pyridine-d5	3.381	84	212947	12.913	ng/ul	0.00
7) Phenol-d5	6.575	99	328807	16.364	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	190577	15.287	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	288970	18.270	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	282913	17.112	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	137770	18.732	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	151218	19.995	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	280286	19.679	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	364482	16.903	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	879309	20.379	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	1005768	20.720	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	104658	11.819	ng/ul	0.00
60) Fluorene-d10	15.034	176	765789	20.942	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	89795	12.650	ng/ul	0.00
73) Anthracene-d10	16.886	188	1171645	20.932	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1283927	25.384	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	1098853	22.088	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	16.828	178	444819	6.776	ng/ul	100
74) Anthracene	16.922	178	89581	1.336	ng/ul	97
80) Fluoranthene	18.863	202	557869	9.434	ng/ul	97
82) Pyrene	19.227	202	492173	7.743	ng/ul	96
85) Benzo(a)anthracene	21.010	228	194436	3.004	ng/ul	94
87) Chrysene	21.063	228	197558	3.199	ng/ul	96
90) Benzo(b)fluoranthene	22.886	252	223489	3.785	ng/ul#	95
91) Benzo(k)fluoranthene	22.939	252	76492m	1.313	ng/ul	
93) Benzo(a)pyrene	23.604	252	173695	3.114	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.709	276	112469	1.627	ng/ul	100
96) Benzo(g,h,i)perylene	27.639	276	115473	2.152	ng/ul	98

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

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