Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034436.D
Acq On : 07 Oct 2024 13:40
Operator : RC/JU
Sample : P4109-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 07 14:13:23 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 :
A4EH3

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	248397	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.128	136	950316	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.028	164	556438	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.786	188	1070221	20.000	ng/ul	-0.01
79) Chrysene-d12	21.021	240	975502	20.000	ng/ul	-0.01
88) Perylene-d12	23.733	264	1261412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	13749	2.259	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.575	99	213007	9.662	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	142230	10.399	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	200200	11.537	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	132023	7.278	ng/ul	-0.01
21) Nitrobenzene-d5	8.516	128	90796	11.987	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.234	143	93362	11.986	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.763	165	172800	11.780	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.287	131	62796	2.828	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	538021	12.938	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	592166	12.658	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	46427	5.440	ng/ul	0.00
60) Fluorene-d10	15.034	176	463535	13.153	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	52466	8.222	ng/ul	0.00
73) Anthracene-d10	16.886	188	667962	13.275	ng/ul	-0.01
81) Pyrene-d10	19.198	212	620290	11.412	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	498064	7.687	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.193	105	66031	2.298	ng/ul	98
72) Phenanthrene	16.828	178	630519	10.685	ng/ul	99
74) Anthracene	16.922	178	121811	2.021	ng/ul	99
77) Carbazole	17.198	167	58330	1.052	ng/ul	97
80) Fluoranthene	18.863	202	1400319	22.038	ng/ul	98
82) Pyrene	19.227	202	918167	13.441	ng/ul	96
85) Benzo(a)anthracene	21.010	228	639348m	9.192	ng/ul	
86) Bis(2-ethylhexyl)phtha...	20.974	149	364360	8.126	ng/ul	97
87) Chrysene	21.063	228	743971	11.211	ng/ul	98
90) Benzo(b)fluoranthene	22.886	252	1090667	14.182	ng/ul	98
91) Benzo(k)fluoranthene	22.939	252	366612m	4.832	ng/ul	
93) Benzo(a)pyrene	23.604	252	326859	4.499	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	26.715	276	359460	3.993	ng/ul	97
95) Dibenzo(a,h)anthracene	26.768	278	131920	1.813	ng/ul#	92

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

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