Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 23:50:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	653047	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.787	136	2807206	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1836281	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	4039861	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3374522	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3082506	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	74663	4.888	ng/uL	0.00
4) Pyridine-d5	3.787	84	298548	6.881	ng/ul	0.00
7) Phenol-d5	7.128	99	1481690	27.855	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	979634	30.530	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.499	132	1251730	29.893	ng/ul	-0.01
15) 4-Methylphenol-d8	8.675	113	1268570	29.106	ng/ul	-0.01
21) Nitrobenzene-d5	9.140	128	660486	32.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	743372	32.014	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	1304665	28.927	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.922	131	1252101	19.665	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	4418878	31.311	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	4687241	30.226	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	545566	21.491	ng/ul	-0.01
60) Fluorene-d10	15.604	176	3781762	31.675	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	604812	23.264	ng/ul	0.00
73) Anthracene-d10	17.469	188	5669486	31.107	ng/ul	0.00
81) Pyrene-d10	19.698	212	5933682	30.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	4312842	28.070	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.834	128	345131	2.351	ng/ul	99
50) Acenaphthylene	14.334	152	302926	1.817	ng/ul	98
61) Fluorene	15.657	166	293833	2.230	ng/ul	99
72) Phenanthrene	17.410	178	1787883	8.497	ng/ul	99
74) Anthracene	17.498	178	18288817m	87.047	ng/ul	
80) Fluoranthene	19.369	202	5166140	23.499	ng/ul	100
82) Pyrene	19.722	202	5774651	25.464	ng/ul	99
85) Benzo(a)anthracene	21.433	228	2124156	9.482	ng/ul	98
87) Chrysene	21.492	228	2971755	14.028	ng/ul	99
90) Benzo(b)fluoranthene	23.180	252	4840685	24.627	ng/ul	98
91) Benzo(k)fluoranthene	23.227	252	1160721m	5.955	ng/ul	
93) Benzo(a)pyrene	23.833	252	1779348	10.396	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.539	276	1116983	5.239	ng/ul	98
95) Dibenzo(a,h)anthracene	26.545	278	310701	1.760	ng/ul#	86
96) Benzo(g,h,i)perylene	27.339	276	617872	3.610	ng/ul	100

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

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