Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034637.D
Acq On : 18 Oct 2024 01:10
Operator : RC/JU
Sample : P4346-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 18 02:00:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EOAX4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	387379	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1497840	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	772523	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	1336809	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1167803	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1460686	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	37471	3.871	ng/uL	0.00
4) Pyridine-d5	3.599	84	538865	19.064	ng/ul	0.00
7) Phenol-d5	6.834	99	648502	20.398	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	418636	21.348	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	540084	21.992	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	512650	20.691	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	252282	24.203	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	212439	25.791	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	420154	22.130	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	676167	20.761	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1113626	22.786	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	1405920	23.160	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	132891	14.597	ng/ul	0.00
60) Fluorene-d10	15.293	176	935266	22.126	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	36182	8.075	ng/ul	0.00
73) Anthracene-d10	17.139	188	1307710	22.884	ng/ul	0.00
81) Pyrene-d10	19.433	212	1383530	23.074	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1581225	23.494	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.081	178	133730	2.004	ng/ul	98
80) Fluoranthene	19.098	202	263487	3.663	ng/ul	99
82) Pyrene	19.457	202	230530	3.008	ng/ul	100
85) Benzo(a)anthracene	21.245	228	126319	1.703	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.216	149	56575	1.269	ng/ul	99
87) Chrysene	21.304	228	126141	1.791	ng/ul	95
90) Benzo(b)fluoranthene	23.245	252	186359	2.374	ng/ul#	94
93) Benzo(a)pyrene	24.016	252	131511	1.731	ng/ul#	94
96) Benzo(g,h,i)perylene	28.380	276	98046m	1.332	ng/ul	

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

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