Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031928.D
Acq On : 12 Jun 2024 02:51
Operator : MA/JU
Sample : P2659-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 12 03:22:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BHC28

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	333151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1531279	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	1003873	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	2082025	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1411497	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	1335657	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	26576	3.300	ng/uL	0.00
4) Pyridine-d5	3.587	84	120451	5.314	ng/ul	0.00
7) Phenol-d5	6.834	99	606103	21.222	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	348931	20.887	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	489067	22.442	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	480674	20.647	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	256035	21.868	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	275071	22.744	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	488412	21.631	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	509221	15.190	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1590712	22.745	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1797453	22.352	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	270102	19.289	ng/ul	0.00
60) Fluorene-d10	15.298	176	1341133	22.664	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	189903	18.146	ng/ul	0.00
73) Anthracene-d10	17.151	188	2040294	22.890	ng/ul	0.00
81) Pyrene-d10	19.451	212	2014094	26.665	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1070016	16.777	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.098	178	778231	7.338	ng/ul	99
74) Anthracene	17.186	178	119299	1.110	ng/ul	96
80) Fluoranthene	19.116	202	1642052	18.191	ng/ul	99
82) Pyrene	19.480	202	1195575	12.909	ng/ul	98
85) Benzo(a)anthracene	21.269	228	634729	6.718	ng/ul	96
87) Chrysene	21.333	228	627400m	7.109	ng/ul	
90) Benzo(b)fluoranthene	23.292	252	687439	8.611	ng/ul	95
91) Benzo(k)fluoranthene	23.351	252	228106m	2.912	ng/ul	
93) Benzo(a)pyrene	24.074	252	286777	3.835	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	27.503	276	240142	2.787	ng/ul	100
95) Dibenzo(a,h)anthracene	27.551	278	79709m	1.133	ng/ul	

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

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