Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031929.D
Acq On : 12 Jun 2024 03:30
Operator : MA/JU
Sample : P2659-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC42

Manual Integrations APPROVED

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

Quant Time: Jun 12 04:04:17 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	318107	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1461793	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	948390	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1870615	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1227471	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1263049	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	27929	3.632	ng/uL	0.00
4) Pyridine-d5	3.581	84	352794	16.299	ng/ul	0.00
7) Phenol-d5	6.834	99	637312	23.370	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	372082	23.326	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	499236	23.992	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	507419	22.826	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	286448	25.629	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	312334	27.052	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	538178	24.969	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	752832	23.524	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1921594	29.084	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	2145236	28.238	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	233263	17.633	ng/ul	0.00
60) Fluorene-d10	15.298	176	1599372	28.609	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	177346	18.861	ng/ul	0.00
73) Anthracene-d10	17.151	188	2433042	30.381	ng/ul	0.00
81) Pyrene-d10	19.451	212	2421267	36.862	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1847804	30.638	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.098	178	176087	1.848	ng/ul	98
80) Fluoranthene	19.116	202	316021	4.026	ng/ul	98
82) Pyrene	19.480	202	302414	3.755	ng/ul	98
85) Benzo(a)anthracene	21.269	228	121664	1.481	ng/ul	98
87) Chrysene	21.327	228	132490	1.726	ng/ul	98
90) Benzo(b)fluoranthene	23.292	252	146818	1.945	ng/ul	95
93) Benzo(a)pyrene	24.074	252	106298	1.503	ng/ul#	93
96) Benzo(g,h,i)perylene	28.521	276	74120m	1.144	ng/ul	

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

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