Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031964.D
Acq On : 13 Jun 2024 06:27
Operator : MA/JU
Sample : P2648-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBT9

Quant Time: Jun 13 06:56:14 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	7.658	152	364960	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1516647	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	872540	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1469443	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	972518	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1128007	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	37482	4.249	ng/uL	0.00
4) Pyridine-d5	3.599	84	18893	0.761	ng/ul	0.02
7) Phenol-d5	6.840	99	793854	25.373	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	464436	25.378	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	668099	27.986	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	615773	24.144	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	334707	28.863	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	354551	29.598	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	601792	26.910	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	528520	15.918	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1719884	28.294	ng/ul	0.00
49) Acenaphthylene-d8	13.999	160	1987284	28.432	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	230780	18.962	ng/ul	0.00
60) Fluorene-d10	15.298	176	1361174	26.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	126067	17.068	ng/ul	0.00
73) Anthracene-d10	17.151	188	1715445	27.268	ng/ul	0.00
81) Pyrene-d10	19.451	212	1491050	28.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.022	264	1108845	20.587	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.092	178	265168	3.542	ng/ul	99
80) Fluoranthene	19.116	202	452487	7.275	ng/ul	99
82) Pyrene	19.481	202	346529	5.430	ng/ul	98
85) Benzo(a)anthracene	21.269	228	190358	2.924	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	84564	1.925	ng/ul	95
87) Chrysene	21.328	228	209252	3.441	ng/ul	98
90) Benzo(b)fluoranthene	23.292	252	282172	4.185	ng/ul#	94
91) Benzo(k)fluoranthene	23.345	252	96011	1.451	ng/ul	97
93) Benzo(a)pyrene	24.074	252	117107	1.854	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.515	276	109501	1.505	ng/ul	97

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

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