Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031955.D
Acq On : 12 Jun 2024 23:54
Operator : MA/JU
Sample : P2678-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH679

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 00:57:22 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	7.663	152	373974	20.000	ng/ul	0.00
20) Naphthalene-d8	10.446	136	1442870	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	794683	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1477735	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1264595	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1529994	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	42056	4.652	ng/uL	0.00
4) Pyridine-d5	3.599	84	20939	0.823	ng/ul	0.02
7) Phenol-d5	6.840	99	862016	26.888	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	513480	27.382	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	732963	29.963	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	608136	23.270	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	356276	32.294	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	376338	33.023	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	620114	29.147	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	499209	15.804	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1696718	30.648	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1982765	31.147	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	217697	19.639	ng/ul	0.00
60) Fluorene-d10	15.304	176	1412792	30.160	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	135309	18.217	ng/ul	0.00
73) Anthracene-d10	17.151	188	1995637	31.544	ng/ul	0.00
81) Pyrene-d10	19.457	212	1979167	29.247	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	1746873	23.911	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.481	105	55576	1.403	ng/ul	97
50) Acenaphthylene	14.028	152	200904	2.793	ng/ul	99
61) Fluorene	15.357	166	58914	1.131	ng/ul	100
72) Phenanthrene	17.098	178	1914627	25.434	ng/ul	98
74) Anthracene	17.186	178	353765	4.638	ng/ul	99
77) Carbazole	17.463	167	132799	2.042	ng/ul	100
80) Fluoranthene	19.122	202	3463929	42.831	ng/ul	99
82) Pyrene	19.486	202	3231919	38.950	ng/ul	96
85) Benzo(a)anthracene	21.274	228	1803889	21.311	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	83010	1.453	ng/ul	95
87) Chrysene	21.333	228	1966822	24.876	ng/ul	96
90) Benzo(b)fluoranthene	23.304	252	2256064	24.670	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	767631m	8.554	ng/ul	
93) Benzo(a)pyrene	24.086	252	1034396	12.077	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.527	276	859963	8.713	ng/ul	97
95) Dibenzo(a,h)anthracene	27.562	278	303280	3.764	ng/ul#	94
96) Benzo(g,h,i)perylene	28.556	276	128290m	1.635	ng/ul	

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

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