Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031937.D
Acq On : 12 Jun 2024 12:06
Operator : MA/JU
Sample : P2678-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH675

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

Quant Time: Jun 12 23:06:13 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	488792	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	2275572	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	1487998	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	3047139	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	2510921	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	2401239	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	44697	3.783	ng/uL	0.00
4) Pyridine-d5	3.593	84	106622	3.206	ng/ul	0.01
7) Phenol-d5	6.834	99	1016617	24.261	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	583886	23.822	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	814244	25.467	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	810816	23.738	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	438807	25.220	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	472311	26.279	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	824633	24.577	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	949099	19.051	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	2709704	26.140	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	3041499	25.517	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	486248	23.427	ng/ul	0.00
60) Fluorene-d10	15.298	176	2264570	25.818	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	356365	23.267	ng/ul	0.00
73) Anthracene-d10	17.151	188	3492528	26.772	ng/ul	0.00
81) Pyrene-d10	19.451	212	3671797	27.327	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	2251044	19.632	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.092	178	588468	3.791	ng/ul	98
80) Fluoranthene	19.116	202	1237223	7.705	ng/ul	98
82) Pyrene	19.480	202	924590	5.612	ng/ul	100
85) Benzo(a)anthracene	21.269	228	569767	3.390	ng/ul	96
87) Chrysene	21.333	228	598931m	3.815	ng/ul	
90) Benzo(b)fluoranthene	23.292	252	641226	4.468	ng/ul	99
91) Benzo(k)fluoranthene	23.345	252	243938m	1.732	ng/ul	
93) Benzo(a)pyrene	24.074	252	252320	1.877	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.498	276	213454	1.378	ng/ul	96

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

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