Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031830.D
Acq On : 06 Jun 2024 22:31
Operator : MA/JU
Sample : P2647-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBT0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 00:06:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	399146	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.457	136	1642806	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	975730	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	1958786	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1227899	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1356636	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	45270	4.692	ng/uL	0.00
4) Pyridine-d5	3.587	84	597890	22.014	ng/ul	-0.01
7) Phenol-d5	6.846	99	918491	26.842	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	505079	25.235	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	721186	27.622	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	687482	24.647	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	357744	28.481	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	378996	29.209	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	652726	26.946	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	865258	24.058	ng/ul	-0.01
46) Dimethylphthalate-d6	13.734	166	1834980	26.995	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160	2268530	29.024	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	353236	25.954	ng/ul	0.00
60) Fluorene-d10	15.310	176	1591572	27.672	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	175828	17.858	ng/ul	0.00
73) Anthracene-d10	17.163	188	2395866	28.570	ng/ul	0.00
81) Pyrene-d10	19.463	212	2386344	36.318	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1784267	27.544	ng/ul	0.00
Target Compounds						Qvalue
37) 1-Methylnaphthalene	12.345	142	63151	1.083	ng/ul	99
72) Phenanthrene	17.110	178	337642	3.384	ng/ul	99
80) Fluoranthene	19.127	202	485089	6.177	ng/ul	100
82) Pyrene	19.492	202	446212	5.538	ng/ul	98
85) Benzo(a)anthracene	21.280	228	183518	2.233	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	519302	9.362	ng/ul	99
87) Chrysene	21.339	228	214005m	2.788	ng/ul	
90) Benzo(b)fluoranthene	23.304	252	254833	3.143	ng/ul#	96
93) Benzo(a)pyrene	24.098	252	170881	2.250	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.533	276	131838m	1.506	ng/ul	
96) Benzo(g,h,i)perylene	28.574	276	131968m	1.897	ng/ul	

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

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