Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031764.D
Acq On : 03 Jun 2024 17:56
Operator : MA/JU
Sample : P2549-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN0

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 18:41:51 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	7.681	152	530704	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	2347520	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1387894	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2475171	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1414062	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1594013	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	36547	2.849	ng/uL	0.00
4) Pyridine-d5	3.599	84	403762	11.181	ng/ul	0.00
7) Phenol-d5	6.852	99	852655	18.741	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	483328	18.162	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	685899	19.758	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	634607	17.112	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	351315	19.573	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	367237	19.807	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	663785	19.177	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	419532	8.163	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1891110	19.559	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2230796	20.065	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	242858	12.545	ng/ul	0.00
60) Fluorene-d10	15.316	176	1622264	19.830	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	96864m	7.786	ng/ul	0.00
73) Anthracene-d10	17.169	188	2197377	20.736	ng/ul	0.00
81) Pyrene-d10	19.469	212	2030885	26.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	1617609	21.252	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.834	77	182246	8.540	ng/ul	96
37) 1-Methylnaphthalene	12.351	142	93517	1.122	ng/ul#	99
50) Acenaphthylene	14.045	152	187207	1.490	ng/ul	98
52) Acenaphthene	14.387	153	142431	1.713	ng/ul	96
61) Fluorene	15.375	166	152565	1.677	ng/ul	98
72) Phenanthrene	17.116	178	3031250	24.041	ng/ul	99
74) Anthracene	17.204	178	603519	4.724	ng/ul	98
77) Carbazole	17.475	167	283026	2.598	ng/ul	100
80) Fluoranthene	19.133	202	4858572	53.726	ng/ul	99
82) Pyrene	19.498	202	4322408	46.586	ng/ul	98
83) Butylbenzylphthalate	20.404	149	47872	1.092	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1991885	21.045	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	170819	2.674	ng/ul#	95
87) Chrysene	21.351	228	2110171m	23.868	ng/ul	
90) Benzo(b)fluoranthene	23.321	252	2566039	26.932	ng/ul	97
91) Benzo(k)fluoranthene	23.374	252	1066494m	11.407	ng/ul	
93) Benzo(a)pyrene	24.110	252	1931306	21.643	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.556	276	1413536	13.746	ng/ul	96
95) Dibenzo(a,h)anthracene	27.604	278	377567m	4.497	ng/ul	
96) Benzo(g,h,i)perylene	28.592	276	1392114	17.030	ng/ul	98

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

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