Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031710.D
Acq On : 30 May 2024 06:26
Operator : MA/JU
Sample : P2569-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH649

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 07:08:34 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	7.693	152	581494	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	2468897	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1432448	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2621532	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1770538	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	2016244	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	55264	3.932	ng/uL	0.00
4) Pyridine-d5	3.605	84	734994	18.576	ng/ul	0.00
7) Phenol-d5	6.858	99	1177238	23.615	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	690437	23.679	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	936645	24.625	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	884822	21.775	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	485707	25.730	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	511535	26.233	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	893057	24.532	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	1192121	22.055	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	2731730	27.374	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	3170617	27.631	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	410647	20.552	ng/ul	0.00
60) Fluorene-d10	15.322	176	2260905	26.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	152762	11.593	ng/ul	0.01
73) Anthracene-d10	17.175	188	3123388	27.829	ng/ul	0.00
81) Pyrene-d10	19.475	212	3021955	31.895	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	2719020	28.242	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.116	178	280092	2.097	ng/ul	100
80) Fluoranthene	19.133	202	822279	7.262	ng/ul	99
82) Pyrene	19.498	202	757071	6.517	ng/ul	99
83) Butylbenzylphthalate	20.410	149	58422	1.065	ng/ul	92
85) Benzo(a)anthracene	21.292	228	430334	3.631	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	199452	2.494	ng/ul#	97
87) Chrysene	21.351	228	428285m	3.869	ng/ul	
90) Benzo(b)fluoranthene	23.321	252	579621	4.810	ng/ul	93
91) Benzo(k)fluoranthene	23.380	252	200365m	1.694	ng/ul	
93) Benzo(a)pyrene	24.110	252	404391	3.583	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.562	276	305178m	2.346	ng/ul	
96) Benzo(g,h,i)perylene	28.592	276	271420	2.625	ng/ul	95

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

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