Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032022.D
Acq On : 15 Jun 2024 05:40
Operator : MA/JU
Sample : P2696-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B90

Quant Time: Jun 15 06:10:42 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	7.651	152	331517	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	1515086	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	973097	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1881596	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1080694	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	1173963	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	32454	4.050	ng/uL	0.00
4) Pyridine-d5	3.593	84	41749	1.851	ng/ul	0.01
7) Phenol-d5	6.828	99	760111	26.745	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	433126	26.055	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.187	132	614544	28.339	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	622907	26.888	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	318767	27.517	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	348191	29.097	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	611949	27.392	ng/ul	0.00
31) 4-Chloroaniline-d4	10.581	131	570119	17.188	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1909516	28.167	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	2193380	28.138	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	270616	19.937	ng/ul	0.00
60) Fluorene-d10	15.292	176	1589832	27.717	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	180038	19.036	ng/ul	0.00
73) Anthracene-d10	17.145	188	2265964	28.129	ng/ul	0.00
81) Pyrene-d10	19.451	212	1850911	32.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.003	264	995290	17.755	ng/ul	-0.02
Target Compounds						Qvalue
61) Fluorene	15.351	166	65208	1.023	ng/ul	94
72) Phenanthrene	17.092	178	1280020	13.354	ng/ul	99
74) Anthracene	17.180	178	218656	2.251	ng/ul	96
77) Carbazole	17.457	167	104233	1.259	ng/ul	99
80) Fluoranthene	19.115	202	1982283	28.682	ng/ul	98
82) Pyrene	19.474	202	1324462	18.678	ng/ul	97
85) Benzo(a)anthracene	21.262	228	661781	9.149	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	260251	5.331	ng/ul	98
87) Chrysene	21.327	228	699186	10.348	ng/ul	98
90) Benzo(b)fluoranthene	23.286	252	891958	12.711	ng/ul	96
91) Benzo(k)fluoranthene	23.339	252	287559	4.176	ng/ul	96
93) Benzo(a)pyrene	24.068	252	295339	4.494	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.503	276	290913	3.841	ng/ul	93
95) Dibenzo(a,h)anthracene	27.539	278	107267	1.735	ng/ul#	89

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

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