Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031798.D
Acq On : 05 Jun 2024 13:48
Operator : MA/JU
Sample : P2623-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ9

Quant Time: Jun 05 14:19:48 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	7.675	152	262337	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	1166215	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	799976	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.069	188	1732960	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1821670	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	2179232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	30467	4.805	ng/uL	-0.01
4) Pyridine-d5	3.587	84	427537	23.951	ng/ul	-0.01
7) Phenol-d5	6.846	99	623698	27.733	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	347333	26.404	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.205	132	477071	27.801	ng/ul	-0.01
15) 4-Methylphenol-d8	8.381	113	493470	26.918	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	250571	28.101	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	271188	29.442	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	460611	26.786	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	696059	27.263	ng/ul	-0.01
46) Dimethylphthalate-d6	13.734	166	1564804	28.078	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160	1779705	27.772	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	304655	27.302	ng/ul	0.00
60) Fluorene-d10	15.310	176	1322162	28.039	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	212058	24.345	ng/ul	0.00
73) Anthracene-d10	17.163	188	2066555	27.854	ng/ul	0.00
81) Pyrene-d10	19.463	212	2567789	26.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	2920703	28.068	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.110	178	1127865	12.776	ng/ul	100
74) Anthracene	17.198	178	214432	2.397	ng/ul	98
77) Carbazole	17.475	167	144126	1.890	ng/ul	96
80) Fluoranthene	19.128	202	1791985	15.382	ng/ul	100
82) Pyrene	19.492	202	1463032	12.240	ng/ul	99
85) Benzo(a)anthracene	21.286	228	881964	7.233	ng/ul	96
87) Chrysene	21.345	228	807059	7.086	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	1153492	8.855	ng/ul	98
91) Benzo(k)fluoranthene	23.363	252	327434	2.562	ng/ul	97
93) Benzo(a)pyrene	24.104	252	718789	5.892	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.545	276	459992	3.272	ng/ul	96
95) Dibenzo(a,h)anthracene	27.586	278	128141	1.116	ng/ul#	93
96) Benzo(g,h,i)perylene	28.574	276	387227	3.465	ng/ul	98

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

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