Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031711.D
Acq On : 30 May 2024 07:05
Operator : MA/JU
Sample : P2569-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH699

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

Quant Time: May 30 07:37:29 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	7.687	152	548807	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	2417187	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1479105	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2792737	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1729270	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1725833	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	44734	3.372	ng/uL	0.00
4) Pyridine-d5	3.605	84	593353	15.890	ng/ul	0.00
7) Phenol-d5	6.857	99	1094176	23.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	609908	22.163	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	845457	23.551	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	869166	22.663	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	443009	23.970	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	469691	24.602	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	833791	23.394	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	1045834	19.763	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	2588427	25.120	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	3042149	25.676	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	428538	20.771	ng/ul	0.00
60) Fluorene-d10	15.322	176	2187326	25.088	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	156480	11.147	ng/ul	0.01
73) Anthracene-d10	17.175	188	3156866	26.403	ng/ul	0.00
81) Pyrene-d10	19.474	212	3022409	32.662	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	2263703	27.469	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.051	152	159938	1.194	ng/ul	98
72) Phenanthrene	17.116	178	611140	4.296	ng/ul	99
74) Anthracene	17.210	178	149691	1.038	ng/ul	97
80) Fluoranthene	19.133	202	1183636	10.703	ng/ul	100
82) Pyrene	19.498	202	1065045	9.386	ng/ul	100
85) Benzo(a)anthracene	21.292	228	483479	4.177	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.221	149	217134	2.779	ng/ul	97
87) Chrysene	21.351	228	507758m	4.696	ng/ul	
90) Benzo(b)fluoranthene	23.321	252	610983	5.923	ng/ul	97
91) Benzo(k)fluoranthene	23.380	252	219238m	2.166	ng/ul	
93) Benzo(a)pyrene	24.110	252	427859	4.428	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.551	276	314583m	2.826	ng/ul	
96) Benzo(g,h,i)perylene	28.586	276	307901m	3.479	ng/ul	

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

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