Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031638.D
Acq On : 23 May 2024 18:54
Operator : MA/JU
Sample : P2547-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5Q2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 23:29:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	445479	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1770389	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	918118	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1622484	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1384777	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1679744	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	39434	3.509	ng/uL	0.00
4) Pyridine-d5	3.605	84	555395	17.708	ng/ul	0.00
7) Phenol-d5	6.858	99	724967	19.769	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	441456	20.071	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	572724	20.268	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	514475	18.122	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	257986	19.254	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	232782	18.194	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	468958	18.746	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	690787	19.156	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1191076	20.585	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1499805	20.682	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	161714	14.772	ng/ul	0.00
60) Fluorene-d10	15.322	176	1012310	20.189	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	81222	11.579	ng/ul	0.00
73) Anthracene-d10	17.169	188	1445883	21.051	ng/ul	0.00
81) Pyrene-d10	19.463	212	1605519	18.484	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	1733208	21.921	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.110	178	172333	2.093	ng/ul	98
80) Fluoranthene	19.128	202	412386	3.841	ng/ul	98
82) Pyrene	19.492	202	437855	3.977	ng/ul	97
85) Benzo(a)anthracene	21.280	228	233048	2.503	ng/ul	93
87) Chrysene	21.339	228	263060	3.058	ng/ul	97
90) Benzo(b)fluoranthene	23.304	252	357965	3.652	ng/ul	96
91) Benzo(k)fluoranthene	23.363	252	128385m	1.285	ng/ul	
93) Benzo(a)pyrene	24.092	252	259239	2.753	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	27.527	276	183769	1.626	ng/ul	96
96) Benzo(g,h,i)perylene	28.545	276	183332	1.964	ng/ul#	92

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

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