Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031659.D
Acq On : 24 May 2024 13:41
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH616

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:13:34 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	403639	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1519783	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	770834	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1346947	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1291854	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1571447	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3870	0.380	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.852	99	9567	0.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	6771	0.340	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	8043	0.314	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	6559	0.255	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	3793	0.330	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	3083	0.281	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	6537	0.304	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	10707	0.346	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	19084	0.393	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	21576	0.354	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	1670	0.182	ng/ul	0.00
60) Fluorene-d10	15.322	176	16140	0.383	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	654	0.112	ng/ul	0.00
73) Anthracene-d10	17.169	188	24047m	0.422	ng/ul	0.00
81) Pyrene-d10	19.463	212	27511	0.340	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	30667	0.415	ng/ul	-0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.046	152	111221	1.582	ng/ul	98
72) Phenanthrene	17.110	178	292943	4.285	ng/ul	100
74) Anthracene	17.204	178	89681	1.308	ng/ul	99
80) Fluoranthene	19.128	202	832199	8.309	ng/ul	98
82) Pyrene	19.492	202	804493	7.832	ng/ul	97
85) Benzo(a)anthracene	21.286	228	481303	5.540	ng/ul	93
87) Chrysene	21.345	228	490791	6.116	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	712479	7.769	ng/ul	100
91) Benzo(k)fluoranthene	23.369	252	238553m	2.552	ng/ul	
93) Benzo(a)pyrene	24.092	252	513558	5.830	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	366529	3.467	ng/ul	97
95) Dibenzo(a,h)anthracene	27.592	278	94495m	1.085	ng/ul	
96) Benzo(g,h,i)perylene	28.557	276	359787m	4.119	ng/ul	

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

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