Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031806.D
Acq On : 05 Jun 2024 19:05
Operator : MA/JU
Sample : P2591-15DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 00:23:34 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	329111	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.458	136	1536887	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	1033495	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.069	188	2203396	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	2211784	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	2600039	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7528	0.946	ng/uL	-0.01
4) Pyridine-d5	3.599	84	65775	2.937	ng/ul	0.00
7) Phenol-d5	6.846	99	190453	6.750	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	99096	6.005	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	141747	6.584	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	150212	6.531	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	71483	6.083	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	74283	6.120	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	151857	6.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	132760	3.946	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	486162	6.752	ng/ul	-0.02
49) Acenaphthylene-d8	14.010	160	555196	6.706	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	82412	5.717	ng/ul	0.00
60) Fluorene-d10	15.310	176	433055	7.109	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	47556	4.294	ng/ul	0.00
73) Anthracene-d10	17.163	188	667068	7.071	ng/ul	0.00
81) Pyrene-d10	19.463	212	768915	6.497	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	642407	5.174	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.381	153	63991	1.034	ng/ul	95
56) Dibenzofuran	14.716	168	92025	1.094	ng/ul	100
61) Fluorene	15.363	166	84426	1.246	ng/ul	96
72) Phenanthrene	17.110	178	2141982	19.083	ng/ul	99
74) Anthracene	17.198	178	425633	3.742	ng/ul	98
77) Carbazole	17.469	167	276061	2.847	ng/ul	98
80) Fluoranthene	19.128	202	3534014	24.984	ng/ul	100
82) Pyrene	19.492	202	2427372	16.726	ng/ul	98
85) Benzo(a)anthracene	21.280	228	1710626	11.555	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	108095	1.082	ng/ul	98
87) Chrysene	21.345	228	1623430	11.740	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	2128836	13.698	ng/ul	98
91) Benzo(k)fluoranthene	23.369	252	769106m	5.043	ng/ul	
93) Benzo(a)pyrene	24.092	252	815195	5.601	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.533	276	604990	3.607	ng/ul	96
95) Dibenzo(a,h)anthracene	27.592	278	229695m	1.677	ng/ul	

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

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