Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031915.D
Acq On : 11 Jun 2024 18:21
Operator : MA/JU
Sample : P2642-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BH1

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 11 23:03:11 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	7.658	152	307443	20.000	ng/ul	-0.03
20) Naphthalene-d8	10.440	136	1397251	20.000	ng/ul	-0.03
38) Acenaphthene-d10	14.304	164	957169	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.051	188	2034833	20.000	ng/ul	-0.02
79) Chrysene-d12	21.292	240	1925680	20.000	ng/ul	-0.01
88) Perylene-d12	24.221	264	2016674	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	22957	3.089	ng/uL	-0.02
4) Pyridine-d5	3.581	84	225455	10.777	ng/ul	-0.02
7) Phenol-d5	6.828	99	440700	16.721	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	6.999	67	272147	17.653	ng/ul	-0.03
11) 2-Chlorophenol-d4	7.187	132	355804	17.692	ng/ul	-0.03
15) 4-Methylphenol-d8	8.363	113	376215	17.511	ng/ul	-0.02
21) Nitrobenzene-d5	8.816	128	187550	17.555	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.528	143	193151	17.502	ng/ul	-0.03
28) 2,4-Dichlorophenol-d3	10.063	165	355255	17.243	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.587	131	538034	17.589	ng/ul	-0.02
46) Dimethylphthalate-d6	13.722	166	1259606	18.890	ng/ul	-0.02
49) Acenaphthylene-d8	13.998	160	1390175	18.131	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.522	143	201421	15.086	ng/ul	0.00
60) Fluorene-d10	15.298	176	1086765	19.262	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.428	200	138498	13.541	ng/ul	-0.01
73) Anthracene-d10	17.151	188	1617757	18.570	ng/ul	-0.02
81) Pyrene-d10	19.451	212	1946937	18.894	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.021	264	1863627	19.353	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.098	178	616417	5.947	ng/ul	98
74) Anthracene	17.187	178	109396	1.042	ng/ul	98
80) Fluoranthene	19.116	202	765372	6.215	ng/ul	100
82) Pyrene	19.481	202	684225	5.415	ng/ul	99
85) Benzo(a)anthracene	21.275	228	297042	2.305	ng/ul	99
87) Chrysene	21.333	228	287422	2.387	ng/ul	96
90) Benzo(b)fluoranthene	23.292	252	308122	2.556	ng/ul#	96
91) Benzo(k)fluoranthene	23.357	252	118885m	1.005	ng/ul	
93) Benzo(a)pyrene	24.080	252	228592	2.025	ng/ul#	93
96) Benzo(g,h,i)perylene	28.539	276	105876	1.024	ng/ul	96

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

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