Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031809.D
Acq On : 05 Jun 2024 21:04
Operator : MA/JU
Sample : P2591-16DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ7DL

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

Quant Time: Jun 06 00:34:14 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	7.669	152	319545	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.457	136	1522442	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	1003779	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	2143233	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	2128779	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	2509150	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4037	0.523	ng/uL	-0.01
4) Pyridine-d5	3.605	84	19321	0.889	ng/ul	0.00
7) Phenol-d5	6.846	99	89649	3.273	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	50558	3.155	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	69032	3.303	ng/ul	-0.01
15) 4-Methylphenol-d8	8.381	113	71827	3.217	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	35535	3.053	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	34566	2.875	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	69122	3.079	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	67027	2.011	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	225054	3.218	ng/ul	-0.02
49) Acenaphthylene-d8	14.010	160	255067	3.172	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	31941	2.281	ng/ul	0.00
60) Fluorene-d10	15.310	176	197904	3.345	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	19060	1.769	ng/ul	0.00
73) Anthracene-d10	17.163	188	311032	3.390	ng/ul	0.00
81) Pyrene-d10	19.463	212	354028	3.108	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	288197	2.405	ng/ul	-0.01
Target Compounds						Qvalue
52) Acenaphthene	14.381	153	87747	1.459	ng/ul	95
56) Dibenzofuran	14.716	168	126229	1.545	ng/ul	100
61) Fluorene	15.369	166	96797	1.471	ng/ul	97
72) Phenanthrene	17.104	178	2653976	24.308	ng/ul	97
74) Anthracene	17.198	178	495190	4.476	ng/ul	99
77) Carbazole	17.469	167	311793	3.305	ng/ul	98
80) Fluoranthene	19.127	202	3981235	29.244	ng/ul	100
82) Pyrene	19.492	202	2664288	19.074	ng/ul	98
85) Benzo(a)anthracene	21.280	228	1857827	13.038	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	104314	1.085	ng/ul	97
87) Chrysene	21.345	228	1740881	13.080	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	2121970	14.149	ng/ul	93
91) Benzo(k)fluoranthene	23.368	252	872095m	5.926	ng/ul	
93) Benzo(a)pyrene	24.092	252	817803	5.822	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.539	276	610728	3.773	ng/ul	95
95) Dibenzo(a,h)anthracene	27.586	278	235984m	1.786	ng/ul	

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

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