Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031826.D
Acq On : 06 Jun 2024 19:52
Operator : MA/JU
Sample : P2634-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBX4

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 23:51:09 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	377483	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.451	136	1553077	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164	927899	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	1823629	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1133153	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1270310	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	59315	6.501	ng/uL	0.00
4) Pyridine-d5	3.587	84	760192	29.597	ng/ul	-0.01
7) Phenol-d5	6.846	99	1120111	34.613	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	628767	33.218	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	887894	35.959	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	829456	31.444	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	441624	37.190	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	468354	38.181	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	789025	34.455	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.593	131	844077	24.825	ng/ul	-0.02
46) Dimethylphthalate-d6	13.728	166	2135208	33.031	ng/ul	-0.02
49) Acenaphthylene-d8	14.004	160	2627386	35.348	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.522	143	392830	30.351	ng/ul	0.00
60) Fluorene-d10	15.310	176	1893849	34.625	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	261942	28.576	ng/ul	0.00
73) Anthracene-d10	17.163	188	2791730	35.758	ng/ul	0.00
81) Pyrene-d10	19.463	212	2750871	45.366	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	2208589	36.411	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.034	152	272451	3.243	ng/ul	99
72) Phenanthrene	17.104	178	1505163	16.202	ng/ul	97
74) Anthracene	17.192	178	285260	3.030	ng/ul	99
77) Carbazole	17.469	167	132902	1.656	ng/ul	98
80) Fluoranthene	19.127	202	2994555	41.323	ng/ul	100
82) Pyrene	19.492	202	2871666	38.623	ng/ul	98
85) Benzo(a)anthracene	21.280	228	1164876	15.358	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.210	149	69110	1.350	ng/ul	97
87) Chrysene	21.339	228	1315682	18.571	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	1671299	22.011	ng/ul	98
91) Benzo(k)fluoranthene	23.363	252	512588m	6.880	ng/ul	
93) Benzo(a)pyrene	24.098	252	1162136	16.342	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	863102m	10.532	ng/ul	
95) Dibenzo(a,h)anthracene	27.568	278	225179m	3.366	ng/ul	
96) Benzo(g,h,i)perylene	28.562	276	839394m	12.885	ng/ul	

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

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