Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031966.D
Acq On : 13 Jun 2024 07:45
Operator : MA/JU
Sample : P2648-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC47

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 08:15:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	405064	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1660082	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	958412	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1562293	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1059928	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1261429	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	35574	3.633	ng/uL	0.00
4) Pyridine-d5	3.599	84	31916	1.158	ng/ul	0.02
7) Phenol-d5	6.840	99	779202	22.439	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	469771	23.128	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	659460	24.889	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	477557	16.871	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	334735	26.372	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	352535	26.887	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	574323	23.463	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	484141	13.321	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	1662726	24.903	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	1887621	24.587	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	213763	15.990	ng/ul	0.00
60) Fluorene-d10	15.298	176	1316922	23.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	119437	15.209	ng/ul	0.00
73) Anthracene-d10	17.151	188	1621384	24.241	ng/ul	0.00
81) Pyrene-d10	19.451	212	1379058	24.314	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1013695	16.829	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.098	178	254812	3.202	ng/ul	98
80) Fluoranthene	19.116	202	497740	7.343	ng/ul	99
82) Pyrene	19.480	202	374818	5.389	ng/ul	98
85) Benzo(a)anthracene	21.274	228	208032	2.932	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	63144	1.319	ng/ul	99
87) Chrysene	21.333	228	224505	3.388	ng/ul	97
90) Benzo(b)fluoranthene	23.292	252	304505	4.039	ng/ul#	94
91) Benzo(k)fluoranthene	23.345	252	110565m	1.494	ng/ul	
93) Benzo(a)pyrene	24.080	252	121224	1.717	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.509	276	116769	1.435	ng/ul	99

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

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