Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031800.D
Acq On : 05 Jun 2024 15:07
Operator : MA/JU
Sample : P2623-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 05 16:12:13 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

Instrument :
BNA_N
ClientSampleId :
BHBR0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	234183	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	1079444	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	754434	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	1667368	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1706045	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	2099636	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	20836	3.681	ng/uL	-0.01
4) Pyridine-d5	3.587	84	275065	17.262	ng/ul	-0.01
7) Phenol-d5	6.846	99	409318	20.388	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	227936	19.410	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.205	132	310975	20.301	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	336297	20.550	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	163883	19.856	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	178195	20.901	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	314417	19.754	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	489646	20.720	ng/ul	-0.01
46) Dimethylphthalate-d6	13.734	166	1122252	21.352	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160	1249803	20.680	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	213444	20.283	ng/ul	0.00
60) Fluorene-d10	15.310	176	970595	21.825	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	137154	16.365	ng/ul	0.00
73) Anthracene-d10	17.163	188	1511589	21.175	ng/ul	0.00
81) Pyrene-d10	19.463	212	1910607	20.928	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	2124589	21.191	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.110	178	348151	4.099	ng/ul	99
80) Fluoranthene	19.128	202	686432	6.291	ng/ul	100
82) Pyrene	19.492	202	575432	5.140	ng/ul	98
85) Benzo(a)anthracene	21.286	228	348984	3.056	ng/ul	98
87) Chrysene	21.345	228	330492m	3.098	ng/ul	
90) Benzo(b)fluoranthene	23.310	252	457969	3.649	ng/ul	95
91) Benzo(k)fluoranthene	23.369	252	168909m	1.372	ng/ul	
93) Benzo(a)pyrene	24.098	252	304535	2.591	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	27.539	276	200164	1.478	ng/ul	97
96) Benzo(g,h,i)perylene	28.580	276	168085	1.561	ng/ul	99

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

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