Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031805.D
Acq On : 05 Jun 2024 18:25
Operator : MA/JU
Sample : P2591-14DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 06 00:15:51 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 :
BHBQ5DL

Manual Integrations APPROVED

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

06/06/2024
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06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	299327	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.458	136	1412532	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	962146	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	2027600	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	2048272	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	2417199	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	8739	1.208	ng/uL	-0.01
4) Pyridine-d5	3.599	84	57340	2.815	ng/ul	0.00
7) Phenol-d5	6.846	99	177199	6.905	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	94732	6.311	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	132316	6.758	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	141553	6.767	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	68711	6.362	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	70823	6.348	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	136253	6.542	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	165222	5.343	ng/ul	-0.01
46) Dimethylphthalate-d6	13.734	166	459005	6.848	ng/ul	-0.01
49) Acenaphthylene-d8	14.010	160	513844	6.667	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	72036	5.368	ng/ul	0.00
60) Fluorene-d10	15.310	176	396482	6.991	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	44191	4.336	ng/ul	0.00
73) Anthracene-d10	17.163	188	610527	7.033	ng/ul	0.00
81) Pyrene-d10	19.463	212	715304	6.526	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	649378	5.626	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.381	153	70210	1.218	ng/ul	99
56) Dibenzofuran	14.716	168	108050	1.380	ng/ul	99
61) Fluorene	15.369	166	76967	1.221	ng/ul	94
72) Phenanthrene	17.104	178	2112808	20.455	ng/ul	98
74) Anthracene	17.198	178	399060	3.813	ng/ul	99
77) Carbazole	17.469	167	287729	3.224	ng/ul	98
80) Fluoranthene	19.128	202	3322951	25.368	ng/ul	99
82) Pyrene	19.492	202	2424457	18.039	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1628659	11.879	ng/ul	98
87) Chrysene	21.345	228	1450586	11.327	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	1999882	13.842	ng/ul	96
91) Benzo(k)fluoranthene	23.369	252	730520	5.153	ng/ul	98
93) Benzo(a)pyrene	24.098	252	894080	6.607	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.545	276	646024	4.143	ng/ul	97
95) Dibenzo(a,h)anthracene	27.580	278	231382m	1.818	ng/ul	

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

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