Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020839.D
Acq On : 08 Jul 2024 19:26
Operator : MA/JU
Sample : P2963-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 08 23:00:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CS9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	253260	20.000	ng/ul	0.00
20) Naphthalene-d8	10.492	136	1050224	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	698717	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1467313	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	1306767	20.000	ng/ul	0.00
88) Perylene-d12	24.968	264	1533949	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	18037	3.058	ng/uL	0.00
4) Pyridine-d5	3.699	84	10431m	0.607	ng/ul	0.02
7) Phenol-d5	6.916	99	442126	21.285	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	261516	19.859	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	369169	21.746	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	372006	22.051	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	177593	22.904	ng/ul	0.00
24) 2-Nitrophenol-d4	9.592	143	206372	26.596	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	367114	22.969	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	68588	3.062	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1139117	23.448	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	1284485	22.158	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	163949	22.087	ng/ul	0.02
60) Fluorene-d10	15.374	176	979193	23.953	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	166935	22.576	ng/ul	0.01
73) Anthracene-d10	17.274	188	1468494	22.300	ng/ul	0.01
81) Pyrene-d10	19.657	212	1498519	19.088	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	1087727	14.577	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.210	178	376943	4.906	ng/ul	99
74) Anthracene	17.310	178	88272	1.117	ng/ul	99
80) Fluoranthene	19.304	202	734443	7.659	ng/ul	99
82) Pyrene	19.686	202	574287	5.839	ng/ul	98
85) Benzo(a)anthracene	21.598	228	369899	4.038	ng/ul	94
87) Chrysene	21.668	228	426863	4.930	ng/ul	97
90) Benzo(b)fluoranthene	23.903	252	566584	6.097	ng/ul	97
91) Benzo(k)fluoranthene	23.974	252	190595m	2.028	ng/ul	
93) Benzo(a)pyrene	24.803	252	201586	2.298	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.750	276	221204	1.966	ng/ul	99

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

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