Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021093.D
Acq On : 22 Jul 2024 19:06
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 23 08:38:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CJ7

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	202562	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.440	136	854679	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	554835	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1226739	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1134272	20.000	ng/ul	-0.01
88) Perylene-d12	24.874	264	1368381	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16400	3.684	ng/uL	0.00
4) Pyridine-d5	3.646	84	238360	18.496	ng/ul	-0.01
7) Phenol-d5	6.899	99	387062	23.438	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	214590	21.442	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.234	132	320153	23.530	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	316226	23.055	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	157736	23.761	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.546	143	181985	23.952	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	319940	23.287	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.593	131	382079	20.992	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	971941	24.098	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	1153037	25.460	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	141941	24.734	ng/ul	0.00
60) Fluorene-d10	15.322	176	889944	26.895	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	57890	7.799	ng/ul	0.00
73) Anthracene-d10	17.228	188	1373273	25.204	ng/ul	0.00
81) Pyrene-d10	19.610	212	1664362	23.734	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.651	264	1812329	26.854	ng/ul	-0.04
Target Compounds						Qvalue
72) Phenanthrene	17.169	178	166011	2.609	ng/ul	99
80) Fluoranthene	19.257	202	304322	3.594	ng/ul	99
82) Pyrene	19.633	202	307026	3.563	ng/ul	97
85) Benzo(a)anthracene	21.545	228	149734	1.884	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	84169	1.629	ng/ul#	96
87) Chrysene	21.616	228	163255m	2.211	ng/ul	
90) Benzo(b)fluoranthene	23.833	252	210125	2.530	ng/ul#	90
93) Benzo(a)pyrene	24.710	252	144107	1.836	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.662	276	101594	1.005	ng/ul	93
96) Benzo(g,h,i)perylene	29.821	276	98637	1.198	ng/ul	93

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

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