Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020921.D
Acq On : 12 Jul 2024 04:18
Operator : MA/JU
Sample : P3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 12 04:51:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BC6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	294945	20.000	ng/ul	0.00
20) Naphthalene-d8	10.492	136	1295307	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	800720	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.169	188	1357712	20.000	ng/ul	-0.01
79) Chrysene-d12	21.627	240	1126568	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	1338937	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	24753	3.819	ng/uL	0.00
4) Pyridine-d5	3.681	84	25218	1.344	ng/ul	0.01
7) Phenol-d5	6.916	99	621344	25.840	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	397664	27.289	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	535944	27.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	478312	23.950	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	274074	27.242	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	319818	27.774	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	546875	26.264	ng/ul	0.01
31) 4-Chloroaniline-d4	10.640	131	382738	13.875	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1638103	28.142	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1836816	28.103	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	159731	19.287	ng/ul	0.00
60) Fluorene-d10	15.363	176	1312750	27.490	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	166763	20.300	ng/ul	0.00
73) Anthracene-d10	17.269	188	1706410	28.297	ng/ul	0.00
81) Pyrene-d10	19.657	212	1543749	22.165	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	1169197	17.705	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.210	178	498989	7.085	ng/ul	99
74) Anthracene	17.304	178	85942	1.197	ng/ul	99
80) Fluoranthene	19.310	202	1150389	13.677	ng/ul	100
82) Pyrene	19.686	202	763412	8.919	ng/ul	99
83) Butylbenzylphthalate	20.633	149	37551	1.053	ng/ul	99
85) Benzo(a)anthracene	21.604	228	509532	6.457	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	128863	2.511	ng/ul#	99
87) Chrysene	21.668	228	586064	7.992	ng/ul	98
90) Benzo(b)fluoranthene	23.915	252	865665	10.654	ng/ul	97
91) Benzo(k)fluoranthene	23.980	252	278311	3.432	ng/ul	97
93) Benzo(a)pyrene	24.815	252	264602	3.446	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.774	276	293992m	2.971	ng/ul	
95) Dibenzo(a,h)anthracene	28.821	278	109338m	1.334	ng/ul	

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

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