Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021063.D
Acq On : 19 Jul 2024 03:37
Operator : MA/JU
Sample : P3201-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 19 04:05:00 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 :
A4CH9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	204784	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	811018	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	534603	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1145919	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1076876	20.000	ng/ul	-0.02
88) Perylene-d12	24.886	264	1345818	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	15419	3.426	ng/uL	0.00
4) Pyridine-d5	3.670	84	19969	1.533	ng/ul	0.01
7) Phenol-d5	6.899	99	345233	20.678	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	200068	19.774	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	284138	20.656	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	278480	20.083	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	134905	21.416	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	160330	22.238	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	274685	21.069	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	287453	16.643	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	867327	22.318	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	993640	22.770	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	132092m	23.889	ng/ul	0.00
60) Fluorene-d10	15.322	176	773468	24.260	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	113623	16.388	ng/ul	0.00
73) Anthracene-d10	17.228	188	1207250	23.720	ng/ul	0.00
81) Pyrene-d10	19.610	212	1323090	19.873	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.657	264	1118429	16.850	ng/ul	-0.03
Target Compounds						Qvalue
72) Phenanthrene	17.169	178	265087	4.459	ng/ul	99
80) Fluoranthene	19.263	202	380850	4.737	ng/ul	99
82) Pyrene	19.639	202	270600	3.307	ng/ul	98
85) Benzo(a)anthracene	21.545	228	178750	2.370	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.463	149	49821	1.016	ng/ul#	96
87) Chrysene	21.610	228	176277	2.515	ng/ul	95
90) Benzo(b)fluoranthene	23.827	252	214473	2.626	ng/ul#	85
91) Benzo(k)fluoranthene	23.898	252	90961m	1.116	ng/ul	
93) Benzo(a)pyrene	24.727	252	86563	1.122	ng/ul#	87

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

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