Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021064.D
Acq On : 19 Jul 2024 04:20
Operator : MA/JU
Sample : P3201-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 19 04:47:44 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 :
A4CJ0

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	7.681	152	173950	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.446	136	712881	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	461022	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1005884	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	965519	20.000	ng/ul	-0.01
88) Perylene-d12	24.857	264	1164065	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16595	4.341	ng/uL	0.00
4) Pyridine-d5	3.646	84	229697	20.756	ng/ul	-0.01
7) Phenol-d5	6.893	99	370602	26.133	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	208290	24.235	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.234	132	297198	25.435	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	302101	25.648	ng/ul	-0.01
21) Nitrobenzene-d5	8.840	128	143090	25.842	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	169462	26.740	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	293888	25.646	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.598	131	361352	23.802	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	880135	26.262	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	1023577	27.200	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	127568m	26.753	ng/ul	-0.01
60) Fluorene-d10	15.322	176	785429	28.567	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	110277	18.119	ng/ul	0.00
73) Anthracene-d10	17.228	188	1236504	27.677	ng/ul	0.00
81) Pyrene-d10	19.604	212	1522142	25.500	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.633	264	1651248	28.762	ng/ul	-0.05
Target Compounds						Qvalue
72) Phenanthrene	17.175	178	109333	2.095	ng/ul	99
80) Fluoranthene	19.263	202	180384	2.502	ng/ul	97
82) Pyrene	19.633	202	169559	2.311	ng/ul	98
85) Benzo(a)anthracene	21.545	228	81714	1.208	ng/ul	97
87) Chrysene	21.610	228	79746m	1.269	ng/ul	
90) Benzo(b)fluoranthene	23.815	252	102198	1.447	ng/ul#	86
93) Benzo(a)pyrene	24.709	252	73563	1.102	ng/ul#	83

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

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