Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015645.D
Acq On : 22 Jun 2023 13:58
Operator : MA/JU
Sample : 03083-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 22 22:37:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFK5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	133725	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	589950	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	365503	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	705289	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	480801	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	593309	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	9424	2.610	ng/uL	0.00
4) Pyridine-d5	3.852	84	52704	5.619	ng/ul	0.01
7) Phenol-d5	7.240	99	192893	15.657	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	122177	16.606	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	158102	17.701	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	161575	15.980	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	82317	17.773	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	89928	17.002	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	161115	16.698	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	120225	8.681	ng/ul	0.01
46) Dimethylphthalate-d6	14.134	166	573338	19.892	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	626850	19.890	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	49860m	9.660	ng/ul	0.02
60) Fluorene-d10	15.722	176	456595	18.786	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	58467m	13.086	ng/ul	0.00
73) Anthracene-d10	17.587	188	622984	19.414	ng/ul	0.00
81) Pyrene-d10	19.816	212	612533	23.803	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	599674	20.144	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.528	178	85714	2.265	ng/ul	99
80) Fluoranthene	19.492	202	156512	4.993	ng/ul	97
82) Pyrene	19.845	202	120232	3.707	ng/ul	96
85) Benzo(a)anthracene	21.563	228	55864	1.662	ng/ul	94
87) Chrysene	21.616	228	82630	2.601	ng/ul	97
90) Benzo(b)fluoranthene	23.351	252	133645	3.490	ng/ul#	93
91) Benzo(k)fluoranthene	23.392	252	43291m	1.169	ng/ul	
93) Benzo(a)pyrene	24.016	252	72776	2.180	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.833	276	78481	1.816	ng/ul	97
96) Benzo(g,h,i)perylene	27.674	276	79462	2.231	ng/ul	98

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

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