Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015839.D
Acq On : 30 Jun 2023 12:16
Operator : MA/JU
Sample : 03161-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 30 22:46:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFW1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	284153	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1220764	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	697941	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1307990	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	847326	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	972671	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	19427	2.460	ng/uL	0.00
4) Pyridine-d5	3.828	84	194396	9.764	ng/ul	0.00
7) Phenol-d5	7.240	99	339937	13.982	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	246028	16.356	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	284555	15.505	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	213153	11.098	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	133905	14.353	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	147240	13.522	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	231344	11.923	ng/ul	0.04
31) 4-Chloroaniline-d4	11.081	131	156777	6.290	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	810572	15.026	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	925514	15.262	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	55663m	7.819	ng/ul	0.06
60) Fluorene-d10	15.704	176	663630	14.940	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	53874m	6.697	ng/ul	0.02
73) Anthracene-d10	17.569	188	902730	15.109	ng/ul	0.00
81) Pyrene-d10	19.792	212	929195	16.794	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	773664	15.768	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.510	178	407971	5.741	ng/ul	100
74) Anthracene	17.610	178	86717	1.215	ng/ul	98
80) Fluoranthene	19.469	202	1155386	16.803	ng/ul#	95
82) Pyrene	19.822	202	918845	13.100	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	439212	7.369	ng/ul	97
87) Chrysene	21.592	228	515278	9.112	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	769935	12.319	ng/ul#	93
91) Benzo(k)fluoranthene	23.357	252	273221m	4.327	ng/ul	
93) Benzo(a)pyrene	23.980	252	499298	9.143	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.786	276	420377	5.670	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.786	278	107057	1.758	ng/ul#	75
96) Benzo(g,h,i)perylene	27.633	276	369429	6.057	ng/ul#	92

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

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