Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015841.D
Acq On : 30 Jun 2023 13:24
Operator : MA/JU
Sample : 03161-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 30 23:10:58 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 :
DCFX7

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	239531	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1026562	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	583659	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1119260	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	745278	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	872208	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29402	4.416	ng/uL	0.00
4) Pyridine-d5	3.828	84	237586	14.157	ng/ul	0.00
7) Phenol-d5	7.234	99	498629	24.330	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	359170	28.327	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	413556	26.731	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	287797	17.776	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	202299	25.786	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	225095	24.583	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	359019	22.003	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	292292	13.945	ng/ul	0.03
46) Dimethylphthalate-d6	14.116	166	1330207	29.487	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	1464187	28.872	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	122883	20.641	ng/ul	0.04
60) Fluorene-d10	15.704	176	1070014	28.806	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	125331	18.208	ng/ul	0.01
73) Anthracene-d10	17.569	188	1423789	27.849	ng/ul	0.00
81) Pyrene-d10	19.792	212	1609330	33.070	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1371428	31.170	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.510	178	132589	2.181	ng/ul	99
80) Fluoranthene	19.469	202	311510	5.151	ng/ul#	93
82) Pyrene	19.822	202	232193	3.764	ng/ul#	89
85) Benzo(a)anthracene	21.545	228	102993m	1.965	ng/ul	
87) Chrysene	21.598	228	130647	2.627	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	161164	2.876	ng/ul#	86
91) Benzo(k)fluoranthene	23.363	252	62808m	1.109	ng/ul	
93) Benzo(a)pyrene	23.986	252	85454	1.745	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.810	276	79414	1.195	ng/ul#	88
96) Benzo(g,h,i)perylene	27.657	276	68593	1.254	ng/ul#	89

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

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