Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015828.D
Acq On : 30 Jun 2023 01:25
Operator : MA/JU
Sample : 03161-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 30 02:48:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFX5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	240612	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1021660	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	609983	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1318586	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	986479	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	982801	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	16704	2.498	ng/uL	0.00
4) Pyridine-d5	3.834	84	167026	9.908	ng/ul	0.01
7) Phenol-d5	7.234	99	323083	15.693	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	224283	17.609	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	263039	16.926	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	180048	11.071	ng/ul	0.01
21) Nitrobenzene-d5	9.252	128	126406	16.190	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	135962	14.920	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	227733	14.024	ng/ul	0.04
31) 4-Chloroaniline-d4	11.075	131	130495m	6.256	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	822801	17.452	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	949378	17.913	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	90581m	14.559	ng/ul	0.04
60) Fluorene-d10	15.704	176	717961	18.494	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	65789m	8.113	ng/ul	0.01
73) Anthracene-d10	17.569	188	1076882	17.879	ng/ul	0.00
81) Pyrene-d10	19.792	212	1251670	19.431	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	914975	18.456	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.510	178	147504	2.059	ng/ul	100
80) Fluoranthene	19.469	202	419632	5.242	ng/ul#	94
82) Pyrene	19.822	202	343396	4.205	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	178960	2.579	ng/ul#	94
87) Chrysene	21.592	228	224189	3.405	ng/ul	95
90) Benzo(b)fluoranthene	23.316	252	298100	4.721	ng/ul#	83
91) Benzo(k)fluoranthene	23.357	252	93347m	1.463	ng/ul	
93) Benzo(a)pyrene	23.980	252	177085	3.209	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.798	276	149735	1.999	ng/ul#	94
96) Benzo(g,h,i)perylene	27.627	276	134506	2.183	ng/ul#	90

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

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