Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015751.D
Acq On : 27 Jun 2023 17:29
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 22:49:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	116756	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	428794	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	247670	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	547673	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	560540	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	680134	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	11169	3.442	ng/uL	0.00
4) Pyridine-d5	3.840	84	90582	11.073	ng/ul	0.01
7) Phenol-d5	7.240	99	174670	17.485	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	119296	19.302	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	147323	19.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	121533	15.400	ng/ul	0.01
21) Nitrobenzene-d5	9.252	128	67510	20.601	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	75607	19.768	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	122501m	17.974	ng/ul	0.02
31) 4-Chloroaniline-d4	11.075	131	84665m	9.670	ng/ul	0.04
46) Dimethylphthalate-d6	14.122	166	427387	22.326	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	480557	22.331	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	47531m	18.815	ng/ul	0.04
60) Fluorene-d10	15.710	176	361613	22.942	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	52104	15.470	ng/ul	0.01
73) Anthracene-d10	17.575	188	548242	21.915	ng/ul	0.00
81) Pyrene-d10	19.798	212	734133	20.057	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	801919	23.373	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.946	128	31598	1.356	ng/ul	97
50) Acenaphthylene	14.440	152	56797	2.395	ng/ul	99
72) Phenanthrene	17.516	178	110298	3.707	ng/ul	97
74) Anthracene	17.616	178	65240	2.182	ng/ul	96
80) Fluoranthene	19.475	202	324833	7.141	ng/ul	99
82) Pyrene	19.827	202	286478	6.174	ng/ul	97
85) Benzo(a)anthracene	21.545	228	288743	7.323	ng/ul	97
87) Chrysene	21.598	228	385370	10.301	ng/ul	98
90) Benzo(b)fluoranthene	23.327	252	845983	19.358	ng/ul#	97
91) Benzo(k)fluoranthene	23.368	252	259343m	5.874	ng/ul	
93) Benzo(a)pyrene	23.992	252	508047	13.305	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.809	276	455704	8.791	ng/ul	98
95) Dibenzo(a,h)anthracene	26.804	278	130379	3.062	ng/ul#	77
96) Benzo(g,h,i)perylene	27.651	276	441110	10.344	ng/ul	99

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

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