Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015704.D
Acq On : 24 Jun 2023 12:20
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jun 24 23:18:50 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 :
DCFQ0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	153411	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	594778	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	334084	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	668262	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	646323	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	783332	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	13002	3.138	ng/uL	0.00
4) Pyridine-d5	3.846	84	111111	10.325	ng/ul	0.00
7) Phenol-d5	7.246	99	219659	15.542	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	150631	17.846	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	185923	18.144	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	159837	13.780	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	88121	18.871	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	97751	18.331	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	160281	16.477	ng/ul	0.01
31) 4-Chloroaniline-d4	11.069	131	109942	7.874	ng/ul	0.02
46) Dimethylphthalate-d6	14.133	166	537715	20.411	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	601505	20.881	ng/ul	0.00
54) 4-Nitrophenol-d4	14.986	143	60531m	12.831	ng/ul	0.04
60) Fluorene-d10	15.722	176	436669	19.656	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	56746	13.404	ng/ul	0.01
73) Anthracene-d10	17.586	188	639364	21.028	ng/ul	0.00
81) Pyrene-d10	19.816	212	767060	22.174	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	849448	21.612	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	37991	1.179	ng/ul	97
50) Acenaphthylene	14.451	152	63325	1.985	ng/ul	99
72) Phenanthrene	17.527	178	125686	3.505	ng/ul	97
74) Anthracene	17.627	178	80640	2.216	ng/ul	97
80) Fluoranthene	19.492	202	336338	7.982	ng/ul	99
82) Pyrene	19.845	202	300092	6.884	ng/ul	99
85) Benzo(a)anthracene	21.563	228	300616	6.653	ng/ul	97
87) Chrysene	21.615	228	405159	9.487	ng/ul	97
90) Benzo(b)fluoranthene	23.351	252	917021	18.136	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	251999m	5.156	ng/ul	
93) Benzo(a)pyrene	24.027	252	533029	12.091	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.850	276	484036	8.484	ng/ul	100
95) Dibenzo(a,h)anthracene	26.850	278	137043	2.948	ng/ul#	90
96) Benzo(g,h,i)perylene	27.692	276	461186	9.809	ng/ul	98

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

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