Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051980.D
Acq On : 14 Jan 2022 17:22
Operator : CG/JU
Sample : N1100-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 17 00:19:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGLT0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/17/2022

Supervised By :mohammad ahmed

01/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.252	152	20805	20.000	ng/ul		0.00
20) Naphthalene-d8	11.089	136	95364	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.896	164	75364	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.645	188	149047	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.969	240	136761	20.000	ng/ul	#	0.01
88) Perylene-d12	25.464	264	146828	20.000	ng/ul		0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.570	96	2094	3.596	ng/uL		0.00
4) Pyridine-d5	3.999	84	28478	15.734	ng/ul		0.00
7) Phenol-d5	7.388	99	51116	25.103	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	29231	22.614	ng/ul		0.00
11) 2-Chlorophenol-d4	7.776	132	33407	24.779	ng/ul		0.00
15) 4-Methylphenol-d8	8.951	113	43428	27.436	ng/ul		0.00
21) Nitrobenzene-d5	9.415	128	18918	25.105	ng/ul		0.00
24) 2-Nitrophenol-d4	10.149	143	17541	21.048	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.701	165	38387	23.565	ng/ul		0.00
31) 4-Chloroaniline-d4	11.213	131	52636	23.202	ng/ul		0.00
46) Dimethylphthalate-d6	14.279	166	165081	26.500	ng/ul		0.00
49) Acenaphthylene-d8	14.590	160	210865	28.023	ng/ul		0.00
54) 4-Nitrophenol-d4	15.090	143	228	0.219	ng/ul		0.02
60) Fluorene-d10	15.883	176	150012	27.620	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul		
73) Anthracene-d10	17.745	188	216815	30.665	ng/ul		0.00
81) Pyrene-d10	20.024	212	238433	30.293	ng/ul		0.01
92) Benzo(a)pyrene-d12	25.223	264	235569	30.476	ng/ul		0.03
Target Compounds							Qvalue
8) Phenol	7.418	94	3775	1.816	ng/ul	#	86
30) Naphthalene	11.142	128	7325	1.417	ng/ul		95
72) Phenanthrene	17.686	178	29102	3.726	ng/ul	#	92
80) Fluoranthene	19.689	202	79966	8.792	ng/ul	#	90
82) Pyrene	20.053	202	79102	8.833	ng/ul	#	86
85) Benzo(a)anthracene	21.945	228	42601	4.737	ng/ul		92
86) Bis(2-ethylhexyl)phtha...	21.828	149	17886	3.924	ng/ul	#	85
87) Chrysene	22.016	228	44617m	5.152	ng/ul		
90) Benzo(b)fluoranthene	24.354	252	56390	5.795	ng/ul	#	69
91) Benzo(k)fluoranthene	24.412	252	16446	1.828	ng/ul	#	48
93) Benzo(a)pyrene	25.293	252	36556	3.970	ng/ul	#	76
94) Indeno(1,2,3-cd)pyrene	29.476	276	25911m	2.458	ng/ul		
95) Dibenzo(a,h)anthracene	29.558	278	9546m	1.071	ng/ul		
96) Benzo(g,h,i)perylene	30.745	276	18293m	2.064	ng/ul		

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

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