Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061470.D
Acq On : 5 Jun 2024 1:09
Operator : MA/JU
Sample : P2591-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 05 01:58:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH5T0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.877	152	32513	20.000	ng/ul		0.00
20) Naphthalene-d8	10.667	136	124899	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.510	164	94465	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.266	188	214509	20.000	ng/ul		0.00
79) Chrysene-d12	21.519	240	231803	20.000	ng/ul		0.00
88) Perylene-d12	24.610	264	272607	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.329	96	2139	3.682	ng/uL		0.00
4) Pyridine-d5	3.740	84	32731	15.836	ng/ul		0.00
7) Phenol-d5	7.066	99	55024	20.608	ng/ul		0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	32905	19.607	ng/ul		0.00
11) 2-Chlorophenol-d4	7.412	132	43821	22.177	ng/ul		0.00
15) 4-Methylphenol-d8	8.599	113	47529	20.877	ng/ul		0.00
21) Nitrobenzene-d5	9.028	128	23118	24.040	ng/ul		0.00
24) 2-Nitrophenol-d4	9.751	143	26562	23.601	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.309	165	53626	24.441	ng/ul		0.00
31) 4-Chloroaniline-d4	10.808	131	58330	20.321	ng/ul		0.00
46) Dimethylphthalate-d6	13.916	166	173664	23.704	ng/ul		0.00
49) Acenaphthylene-d8	14.204	160	188674	24.770	ng/ul		0.00
54) 4-Nitrophenol-d4	14.763	143	16434m	18.143	ng/ul		0.02
60) Fluorene-d10	15.509	176	150818	23.843	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	20791	16.025	ng/ul		0.02
73) Anthracene-d10	17.360	188	239197	25.293	ng/ul		0.00
81) Pyrene-d10	19.657	212	287471	24.153	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.404	264	332445	25.366	ng/ul		0.02
Target Compounds							Qvalue
30) Naphthalene	10.720	128	12472	1.892	ng/ul		97
36) 2-Methylnaphthalene	12.330	142	8712	1.822	ng/ul		95
52) Acenaphthene	14.575	153	10060	1.816	ng/ul		93
56) Dibenzofuran	14.909	168	18698	2.360	ng/ul		93
61) Fluorene	15.562	166	11252	1.642	ng/ul	#	91
72) Phenanthrene	17.307	178	392278	37.678	ng/ul		99
74) Anthracene	17.395	178	73159	6.796	ng/ul		99
77) Carbazole	17.671	167	45903	5.243	ng/ul		96
80) Fluoranthene	19.328	202	668585	46.826	ng/ul		99
82) Pyrene	19.686	202	518925	35.014	ng/ul		99
85) Benzo(a)anthracene	21.502	228	333232	20.834	ng/ul		98
87) Chrysene	21.566	228	306033	20.780	ng/ul		97
90) Benzo(b)fluoranthene	23.635	252	411313	25.341	ng/ul		98
91) Benzo(k)fluoranthene	23.693	252	129234m	7.843	ng/ul		
93) Benzo(a)pyrene	24.469	252	259956	16.867	ng/ul	#	95
94) Indeno(1,2,3-cd)pyrene	28.129	276	174836	9.381	ng/ul		96
95) Dibenzo(a,h)anthracene	28.153	278	53128m	3.457	ng/ul		
96) Benzo(g,h,i)perylene	29.216	276	154032m	10.388	ng/ul		

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

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