Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057315.D
Acq On : 5 May 2023 12:14
Operator : CG/JU
Sample : 02479-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 06 00:26:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW942

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.378	152	19172	20.000	ng/ul		0.00
20) Naphthalene-d8	11.210	136	84652	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.987	164	68881	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.730	188	157986	20.000	ng/ul		0.00
79) Chrysene-d12	22.048	240	131382	20.000	ng/ul		0.00
88) Perylene-d12	25.567	264	138877	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL		
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul		
7) Phenol-d5	7.515	99	1537	0.848	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	771	0.723	ng/ul		0.00
11) 2-Chlorophenol-d4	7.902	132	1139	0.953	ng/ul		0.00
15) 4-Methylphenol-d8	9.083	113	1440	1.045	ng/ul		0.00
21) Nitrobenzene-d5	9.553	128	574m	0.851	ng/ul		0.00
24) 2-Nitrophenol-d4	10.281	143	777	0.988	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.839	165	1465	0.965	ng/ul		0.01
31) 4-Chloroaniline-d4	11.351	131	413	0.205	ng/ul		0.01
46) Dimethylphthalate-d6	14.370	166	6025	1.104	ng/ul		0.00
49) Acenaphthylene-d8	14.681	160	6896	1.124	ng/ul		0.00
54) 4-Nitrophenol-d4	15.204	143	115	0.145	ng/ul		0.03
60) Fluorene-d10	15.968	176	5815	1.144	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul		
73) Anthracene-d10	17.824	188	9392	1.302	ng/ul		0.00
81) Pyrene-d10	20.092	212	10049	1.289	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.326	264	9185m	1.298	ng/ul		0.01
Target Compounds							Qvalue
52) Acenaphthene	15.051	153	15011	3.380	ng/ul		99
56) Dibenzofuran	15.380	168	12394	1.932	ng/ul		96
61) Fluorene	16.027	166	20044	3.696	ng/ul		92
72) Phenanthrene	17.771	178	309734	37.648	ng/ul		98
74) Anthracene	17.859	178	77032	9.321	ng/ul		99
77) Carbazole	18.124	167	30864	4.469	ng/ul		97
80) Fluoranthene	19.763	202	554616	59.870	ng/ul		97
82) Pyrene	20.127	202	443216	47.262	ng/ul		98
85) Benzo(a)anthracene	22.024	228	247684	26.656	ng/ul		98
87) Chrysene	22.095	228	222873	25.423	ng/ul		96
90) Benzo(b)fluoranthene	24.445	252	277350	28.839	ng/ul		97
91) Benzo(k)fluoranthene	24.503	252	104906m	11.212	ng/ul		
93) Benzo(a)pyrene	25.402	252	197128	23.743	ng/ul		96
94) Indeno(1,2,3-cd)pyrene	29.626	276	128167m	12.349	ng/ul		
95) Dibenzo(a,h)anthracene	29.661	278	37099m	4.311	ng/ul		
96) Benzo(g,h,i)perylene	30.906	276	108181m	12.879	ng/ul		

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

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