Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057248.D
Acq On : 1 May 2023 12:01
Operator : CG/JU
Sample : 02418-28 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 22:52:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW902

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

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05/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.379	152	15841	20.000	ng/ul		0.00
20) Naphthalene-d8	11.222	136	67040	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.994	164	51873	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.731	188	116995	20.000	ng/ul		0.00
79) Chrysene-d12	22.049	240	102529	20.000	ng/ul	#	0.00
88) Perylene-d12	25.573	264	109611	20.000	ng/ul		0.00
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	7.521	99	4009	2.676	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	2966	3.366	ng/ul		0.00
11) 2-Chlorophenol-d4	7.909	132	3238	3.280	ng/ul		0.00
15) 4-Methylphenol-d8	9.084	113	3187	2.799	ng/ul		0.00
21) Nitrobenzene-d5	9.554	128	1926	3.608	ng/ul		0.00
24) 2-Nitrophenol-d4	10.288	143	2078	3.335	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.840	165	3839	3.194	ng/ul		0.00
31) 4-Chloroaniline-d4	11.357	131	976	0.613	ng/ul		0.00
46) Dimethylphthalate-d6	14.377	166	14876	3.619	ng/ul		0.00
49) Acenaphthylene-d8	14.694	160	17790	3.851	ng/ul		0.00
54) 4-Nitrophenol-d4	15.199	143	1006	1.681	ng/ul		0.02
60) Fluorene-d10	15.975	176	14305	3.736	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.092	200	1060	1.529	ng/ul		0.00
73) Anthracene-d10	17.831	188	23128	4.331	ng/ul		0.00
81) Pyrene-d10	20.098	212	25783	4.237	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.327	264	23223	4.159	ng/ul		0.00
Target Compounds							Qvalue
52) Acenaphthene	15.064	153	3518	1.052	ng/ul	#	87
61) Fluorene	16.033	166	5542	1.357	ng/ul		88
72) Phenanthrene	17.778	178	138262	22.694	ng/ul		98
74) Anthracene	17.866	178	32924	5.380	ng/ul		99
77) Carbazole	18.131	167	7293	1.426	ng/ul		98
80) Fluoranthene	19.769	202	674408	93.289	ng/ul		97
82) Pyrene	20.134	202	563706	77.026	ng/ul		97
85) Benzo(a)anthracene	22.031	228	336247	46.370	ng/ul		99
87) Chrysene	22.102	228	347949	50.859	ng/ul		96
90) Benzo(b)fluoranthene	24.445	252	487408	64.213	ng/ul	#	97
91) Benzo(k)fluoranthene	24.510	252	167470m	22.678	ng/ul		
93) Benzo(a)pyrene	25.409	252	308117	47.019	ng/ul		98
94) Indeno(1,2,3-cd)pyrene	29.638	276	230166	28.098	ng/ul		98
95) Dibenzo(a,h)anthracene	29.680	278	61931m	9.118	ng/ul		
96) Benzo(g,h,i)perylene	30.919	276	185231	27.940	ng/ul		97

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

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