Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057249.D
Acq On : 1 May 2023 12:41
Operator : CG/JU
Sample : 02418-29 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 22:57:54 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 :
EW903

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.380	152	16029	20.000	ng/ul		0.00
20) Naphthalene-d8	11.218	136	70889	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.995	164	55594	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.732	188	133440	20.000	ng/ul		0.00
79) Chrysene-d12	22.050	240	114250	20.000	ng/ul	#	0.00
88) Perylene-d12	25.569	264	120612	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	7.517	99	3898	2.571	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.681	67	2806	3.147	ng/ul		0.00
11) 2-Chlorophenol-d4	7.910	132	3278	3.281	ng/ul		0.00
15) 4-Methylphenol-d8	9.085	113	2481	2.153	ng/ul		0.00
21) Nitrobenzene-d5	9.555	128	1650	2.923	ng/ul		0.00
24) 2-Nitrophenol-d4	10.295	143	2051	3.113	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.836	165	3880	3.052	ng/ul		0.00
31) 4-Chloroaniline-d4	11.358	131	1059m	0.629	ng/ul		0.01
46) Dimethylphthalate-d6	14.378	166	14602	3.315	ng/ul		0.00
49) Acenaphthylene-d8	14.689	160	16087	3.249	ng/ul		0.00
54) 4-Nitrophenol-d4	15.189	143	1014	1.581	ng/ul		0.01
60) Fluorene-d10	15.976	176	12833	3.127	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.099	200	1051m	1.329	ng/ul		0.00
73) Anthracene-d10	17.832	188	21162	3.474	ng/ul		0.00
81) Pyrene-d10	20.100	212	23408	3.452	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.322	264	21010	3.419	ng/ul		0.00
Target Compounds							Qvalue
52) Acenaphthene	15.059	153	4213	1.175	ng/ul		87
61) Fluorene	16.035	166	7199	1.645	ng/ul		93
72) Phenanthrene	17.779	178	120247	17.304	ng/ul		99
74) Anthracene	17.867	178	25490	3.652	ng/ul		97
77) Carbazole	18.132	167	9218	1.580	ng/ul		94
80) Fluoranthene	19.765	202	303029	37.617	ng/ul	#	96
82) Pyrene	20.129	202	254295	31.183	ng/ul		98
85) Benzo(a)anthracene	22.026	228	146669	18.151	ng/ul		99
87) Chrysene	22.097	228	139094	18.245	ng/ul		98
90) Benzo(b)fluoranthene	24.447	252	203516	24.366	ng/ul		99
91) Benzo(k)fluoranthene	24.505	252	70099m	8.627	ng/ul		
93) Benzo(a)pyrene	25.398	252	132274	18.344	ng/ul		98
94) Indeno(1,2,3-cd)pyrene	29.616	276	92529	10.265	ng/ul		97
95) Dibenzo(a,h)anthracene	29.663	278	27215m	3.641	ng/ul		
96) Benzo(g,h,i)perylene	30.909	276	76759	10.522	ng/ul	#	97

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

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