Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

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

Quant Time: May 02 00:00:12 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.379	152	16910	20.000	ng/ul		0.00
20) Naphthalene-d8	11.222	136	71236	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.994	164	52044	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.731	188	109477	20.000	ng/ul		0.00
79) Chrysene-d12	22.049	240	91878	20.000	ng/ul	#	0.00
88) Perylene-d12	25.579	264	97868	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.662	96	690	1.796	ng/uL		0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul		
7) Phenol-d5	7.516	99	23238	14.531	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	13688	14.552	ng/ul		0.00
11) 2-Chlorophenol-d4	7.909	132	16731	15.876	ng/ul		0.00
15) 4-Methylphenol-d8	9.078	113	13910	11.444	ng/ul		0.00
21) Nitrobenzene-d5	9.560	128	9170	16.164	ng/ul		0.00
24) 2-Nitrophenol-d4	10.288	143	10982	16.588	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.835	165	21171	16.575	ng/ul		0.00
31) 4-Chloroaniline-d4	11.346	131	10443	6.169	ng/ul		0.00
46) Dimethylphthalate-d6	14.377	166	67115	16.275	ng/ul		0.00
49) Acenaphthylene-d8	14.694	160	79285	17.106	ng/ul		0.00
54) 4-Nitrophenol-d4	15.188	143	6732	11.215	ng/ul		0.00
60) Fluorene-d10	15.981	176	61325	15.963	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	4853	7.482	ng/ul		0.00
73) Anthracene-d10	17.831	188	90211	18.053	ng/ul		0.00
81) Pyrene-d10	20.099	212	100253	18.383	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.333	264	90278	18.106	ng/ul		0.00
Target Compounds							Qvalue
16) Acetophenone	9.213	105	2584	1.235	ng/ul	#	92
52) Acenaphthene	15.058	153	6011	1.791	ng/ul		96
56) Dibenzofuran	15.387	168	6755	1.394	ng/ul		92
61) Fluorene	16.033	166	10313	2.517	ng/ul		100
72) Phenanthrene	17.778	178	190252	33.371	ng/ul		98
74) Anthracene	17.866	178	39541	6.905	ng/ul		99
77) Carbazole	18.131	167	10491	2.192	ng/ul		94
80) Fluoranthene	19.770	202	399946	61.737	ng/ul	#	96
82) Pyrene	20.128	202	330057	50.328	ng/ul	#	97
85) Benzo(a)anthracene	22.031	228	185670	28.573	ng/ul		99
87) Chrysene	22.102	228	175515	28.629	ng/ul		95
90) Benzo(b)fluoranthene	24.446	252	234526	34.605	ng/ul	#	98
91) Benzo(k)fluoranthene	24.516	252	87127m	13.214	ng/ul		
93) Benzo(a)pyrene	25.409	252	163888m	28.010	ng/ul		
94) Indeno(1,2,3-cd)pyrene	29.644	276	102504m	14.015	ng/ul		
95) Dibenzo(a,h)anthracene	29.697	278	25609m	4.223	ng/ul		
96) Benzo(g,h,i)perylene	30.925	276	81766m	13.814	ng/ul		

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

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