Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058227.D
Acq On : 14 Jul 2023 12:12
Operator : CG/JU
Sample : 03418-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4643

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:39:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	66246	20.000	ng/ul	0.00
20) Naphthalene-d8	10.703	136	304491	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	218958	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.289	188	506375	20.000	ng/ul	0.00
79) Chrysene-d12	21.543	240	439466	20.000	ng/ul	0.00
88) Perylene-d12	24.692	264	553671	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	4799	2.537	ng/uL	0.00
4) Pyridine-d5	3.758	84	24578	4.279	ng/ul	0.00
7) Phenol-d5	7.072	99	123833	18.304	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	74519	18.278	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	88762	19.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	76554	14.996	ng/ul	0.00
21) Nitrobenzene-d5	9.064	128	46210	18.620	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	54115	20.747	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	97789	19.544	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	358	0.047	ng/ul	-0.02
46) Dimethylphthalate-d6	13.946	166	328337	19.005	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	377480	20.023	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	48743	15.969	ng/ul	0.00
60) Fluorene-d10	15.532	176	303372	20.677	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	48312	17.570	ng/ul	0.00
73) Anthracene-d10	17.389	188	439032	18.685	ng/ul	0.00
81) Pyrene-d10	19.675	212	440773	15.925	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.469	264	306171	10.854	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.101	94	7793	1.135	ng/ul#	83
16) Acetophenone	8.723	105	49205	5.810	ng/ul	99
30) Naphthalene	10.756	128	22202	1.297	ng/ul	97
52) Acenaphthene	14.604	153	47111	3.372	ng/ul	97
56) Dibenzofuran	14.939	168	33285	1.676	ng/ul	91
61) Fluorene	15.591	166	49884	3.062	ng/ul	96
72) Phenanthrene	17.330	178	508701	19.749	ng/ul	99
74) Anthracene	17.418	178	108037	4.145	ng/ul	97
77) Carbazole	17.689	167	48475	2.056	ng/ul	97
80) Fluoranthene	19.346	202	606603	18.914	ng/ul	98
82) Pyrene	19.704	202	350644	10.861	ng/ul	100
85) Benzo(a)anthracene	21.525	228	253062	8.020	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.426	149	164113	8.748	ng/ul	97
87) Chrysene	21.584	228	249237	8.426	ng/ul	96
90) Benzo(b)fluoranthene	23.688	252	283788	8.278	ng/ul#	95
91) Benzo(k)fluoranthene	23.746	252	116611m	3.470	ng/ul	
93) Benzo(a)pyrene	24.540	252	84604	2.788	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.265	276	81128	2.013	ng/ul	97
95) Dibenzo(a,h)anthracene	28.306	278	36748m	1.106	ng/ul	

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

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