Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057965.D
Acq On : 3 Jul 2023 21:55
Operator : CG/JU
Sample : 03247-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGL8

Manual Integrations APPROVED
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 04:21:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	43538	20.000	ng/ul	0.00
20) Naphthalene-d8	10.737	136	204706	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.568	164	141106	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.311	188	297236	20.000	ng/ul	0.00
79) Chrysene-d12	21.565	240	249823	20.000	ng/ul	0.00
88) Perylene-d12	24.732	264	303263	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3564	2.866	ng/uL	0.01
4) Pyridine-d5	3.792	84	3826	1.014	ng/ul	0.02
7) Phenol-d5	7.100	99	75767	17.040	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.264	67	48009	17.917	ng/ul	0.00
11) 2-Chlorophenol-d4	7.470	132	58066	18.935	ng/ul	0.00
15) 4-Methylphenol-d8	8.639	113	42390	12.635	ng/ul	0.00
21) Nitrobenzene-d5	9.097	128	30118	18.052	ng/ul	0.00
24) 2-Nitrophenol-d4	9.820	143	32994	18.816	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.361	165	63894	18.994	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	17707	3.472	ng/ul	0.01
46) Dimethylphthalate-d6	13.974	166	200026	17.966	ng/ul	0.00
49) Acenaphthylene-d8	14.262	160	236735	19.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	27447	13.954	ng/ul	0.00
60) Fluorene-d10	15.560	176	181269	19.171	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	23680	14.672	ng/ul	0.00
73) Anthracene-d10	17.411	188	264876	19.204	ng/ul	0.00
81) Pyrene-d10	19.697	212	319364	20.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.515	264	318309	20.602	ng/ul	0.02
Target Compounds						Qvalue
50) Acenaphthylene	14.297	152	15654	1.193	ng/ul	95
72) Phenanthrene	17.352	178	90746	6.002	ng/ul	99
80) Fluoranthene	19.362	202	234871	12.883	ng/ul	100
82) Pyrene	19.726	202	188542	10.274	ng/ul	99
85) Benzo(a)anthracene	21.548	228	111527	6.217	ng/ul	96
87) Chrysene	21.606	228	113544	6.752	ng/ul	96
90) Benzo(b)fluoranthene	23.727	252	180586	9.617	ng/ul	94
91) Benzo(k)fluoranthene	23.774	252	59620m	3.239	ng/ul	
93) Benzo(a)pyrene	24.579	252	110709	6.661	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.340	276	90351m	4.094	ng/ul	
95) Dibenzo(a,h)anthracene	28.363	278	26736m	1.469	ng/ul	
96) Benzo(g,h,i)perylene	29.462	276	76085	4.221	ng/ul#	94

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

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