Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057260.D
Acq On : 1 May 2023 21:54
Operator : CG/JU
Sample : 02418-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Z7

Manual Integrations APPROVED

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

Quant Time: May 02 00:06:48 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	8.384	152	17978	20.000	ng/ul	0.00
20) Naphthalene-d8	11.222	136	75270	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.999	164	54156	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.737	188	116560	20.000	ng/ul	0.00
79) Chrysene-d12	22.048	240	98797	20.000	ng/ul	# 0.00
88) Perylene-d12	25.579	264	107325	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	415	1.016	ng/uL	0.00
4) Pyridine-d5	0.000	84	0	0.000	ng/ul	
7) Phenol-d5	7.521	99	14744	8.672	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	9259	9.259	ng/ul	0.00
11) 2-Chlorophenol-d4	7.909	132	11425	10.197	ng/ul	0.00
15) 4-Methylphenol-d8	9.078	113	9356	7.240	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	5933	9.898	ng/ul	0.00
24) 2-Nitrophenol-d4	10.288	143	7050	10.078	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	13143	9.738	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	8480m	4.741	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	44101	10.277	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	51265	10.629	ng/ul	0.00
54) 4-Nitrophenol-d4	15.193	143	3696m	5.917	ng/ul	0.02
60) Fluorene-d10	15.980	176	38997	9.755	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	1825	2.643	ng/ul	0.00
73) Anthracene-d10	17.836	188	55771	10.482	ng/ul	0.00
81) Pyrene-d10	20.098	212	69392	11.833	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.326	264	63046	11.530	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.207	105	4395	1.977	ng/ul#	82
72) Phenanthrene	17.778	178	12274	2.022	ng/ul	95
80) Fluoranthene	19.763	202	31007	4.451	ng/ul	99
82) Pyrene	20.127	202	24948	3.538	ng/ul#	97
85) Benzo(a)anthracene	22.025	228	18121	2.593	ng/ul	95
87) Chrysene	22.095	228	17283m	2.622	ng/ul	
90) Benzo(b)fluoranthene	24.445	252	21499	2.893	ng/ul#	92
93) Benzo(a)pyrene	25.403	252	13075	2.038	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.638	276	10506m	1.310	ng/ul	
96) Benzo(g,h,i)perylene	30.925	276	8920m	1.374	ng/ul	

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

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