Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057267.D
Acq On : 2 May 2023 2:45
Operator : CG/JU
Sample : 02374-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 02 03:56:25 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 :
CB9D6

Manual Integrations APPROVED

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

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05/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	15876	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	64963	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.999	164	48165	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	107034	20.000	ng/ul	0.00
79) Chrysene-d12	22.048	240	87652	20.000	ng/ul	0.00
88) Perylene-d12	25.573	264	93854	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	1079	2.991	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.521	99	28677	19.100	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	16587	18.783	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	20073	20.288	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	19194	16.820	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	10819	20.913	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	13060	21.631	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	24205	20.780	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	9521	6.167	ng/ul	0.00
46) Dimethylphthalate-d6	14.382	166	80222	21.020	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	94202	21.962	ng/ul	0.00
54) 4-Nitrophenol-d4	15.187	143	7898	14.217	ng/ul	0.00
60) Fluorene-d10	15.980	176	71401	20.083	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.097	200	7366	11.615	ng/ul	0.00
73) Anthracene-d10	17.836	188	106193	21.736	ng/ul	0.00
81) Pyrene-d10	20.098	212	125561	24.134	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.326	264	112235	23.472	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.212	105	4266	2.173	ng/ul	97
72) Phenanthrene	17.777	178	26443	4.744	ng/ul	98
80) Fluoranthene	19.763	202	66401	10.744	ng/ul	98
82) Pyrene	20.127	202	61591	9.844	ng/ul	98
85) Benzo(a)anthracene	22.024	228	34281	5.530	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.872	149	6344	2.177	ng/ul#	96
87) Chrysene	22.095	228	36693m	6.274	ng/ul	
90) Benzo(b)fluoranthene	24.445	252	51993m	8.000	ng/ul	
91) Benzo(k)fluoranthene	24.509	252	13536	2.141	ng/ul	99
93) Benzo(a)pyrene	25.402	252	33021	5.885	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.626	276	22599m	3.222	ng/ul	
95) Dibenzo(a,h)anthracene	29.667	278	6306m	1.084	ng/ul	
96) Benzo(g,h,i)perylene	30.924	276	16000m	2.819	ng/ul	

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

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