Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057274.D
Acq On : 2 May 2023 11:40
Operator : CG/JU
Sample : 02419-31
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 03 01:36:24 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 :
EW926

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	15713	20.000	ng/ul	0.00
20) Naphthalene-d8	11.222	136	67447	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.994	164	45825	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	92860	20.000	ng/ul	0.00
79) Chrysene-d12	22.049	240	80959	20.000	ng/ul	0.00
88) Perylene-d12	25.579	264	88451	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	447	1.252	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.521	99	14414	9.700	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	10103	11.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.909	132	10813	11.042	ng/ul	0.00
15) 4-Methylphenol-d8	9.084	113	3331	2.949	ng/ul	0.00
21) Nitrobenzene-d5	9.560	128	6742	12.552	ng/ul	0.00
24) 2-Nitrophenol-d4	10.288	143	6248	9.967	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.835	165	11242	9.296	ng/ul	0.00
31) 4-Chloroaniline-d4	11.346	131	10910	6.807	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	48448	13.343	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	57178	14.011	ng/ul	0.00
54) 4-Nitrophenol-d4	15.199	143	66	0.125	ng/ul	0.02
60) Fluorene-d10	15.980	176	43132	12.751	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.831	188	60184	14.199	ng/ul	0.00
81) Pyrene-d10	20.098	212	70267	14.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.333	264	64305	14.270	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.213	105	4425	2.277	ng/ul	93
72) Phenanthrene	17.778	178	11519	2.382	ng/ul#	96
80) Fluoranthene	19.769	202	26269	4.602	ng/ul	97
82) Pyrene	20.128	202	21687	3.753	ng/ul	99
85) Benzo(a)anthracene	22.031	228	13675	2.388	ng/ul#	87
87) Chrysene	22.096	228	13228	2.449	ng/ul#	83
90) Benzo(b)fluoranthene	24.445	252	17281	2.821	ng/ul#	68
91) Benzo(k)fluoranthene	24.516	252	7368m	1.236	ng/ul	
93) Benzo(a)pyrene	25.409	252	12058	2.280	ng/ul#	75
94) Indeno(1,2,3-cd)pyrene	29.644	276	9717m	1.470	ng/ul	
96) Benzo(g,h,i)perylene	30.919	276	9350m	1.748	ng/ul	

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

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