Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059312.D
Acq On : 6 Oct 2023 1:38
Operator : MA/JU
Sample : 04469-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYM2

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 04:10:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	53233	20.000	ng/ul	0.00
20) Naphthalene-d8	11.079	136	169312	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.869	164	103822	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	221508	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.919	240	183614	20.000	ng/ul	0.00
88) Perylene-d12	25.409	264	221567	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	5333	3.781	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.371	99	89689	16.832	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	69188	20.326	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	75661	21.123	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	87994	21.363	ng/ul	0.00
21) Nitrobenzene-d5	9.434	128	30821	25.797	ng/ul	0.00
24) 2-Nitrophenol-d4	10.151	143	25652	21.871	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	39449	16.373	ng/ul	0.00
31) 4-Chloroaniline-d4	11.226	131	8851	2.270	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	180637	24.065	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	227550	24.152	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	1300m	0.992	ng/ul	0.00
60) Fluorene-d10	15.856	176	168105	23.530	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.712	188	223836	22.177	ng/ul	0.00
81) Pyrene-d10	19.992	212	277896	27.026	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.162	264	277350	26.049	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.659	178	58708	4.829	ng/ul	97
74) Anthracene	17.748	178	18784m	1.496	ng/ul	
80) Fluoranthene	19.651	202	124651	9.841	ng/ul	98
82) Pyrene	20.015	202	98025	7.306	ng/ul	99
85) Benzo(a)anthracene	21.896	228	51660	3.997	ng/ul	97
87) Chrysene	21.966	228	48757	3.994	ng/ul	97
90) Benzo(b)fluoranthene	24.275	252	62747	4.624	ng/ul#	92
91) Benzo(k)fluoranthene	24.346	252	27510m	2.001	ng/ul	
93) Benzo(a)pyrene	25.239	252	43613	3.388	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	29.416	276	29686m	2.037	ng/ul	
96) Benzo(g,h,i)perylene	30.709	276	28257m	2.385	ng/ul	

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

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