Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062079.D
Acq On : 15 Jul 2024 22:07
Operator : MA/JU
Sample : P3100-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 16 00:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BW6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

Supervised By :mohammad ahmed
07/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	44881	20.000	ng/ul	0.00
20) Naphthalene-d8	10.858	136	216583	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.677	164	146651	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.427	188	323359	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.687	240	288702	20.000	ng/ul	# 0.00
88) Perylene-d12	24.907	264	338279	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	4147m	3.472	ng/uL	0.00
4) Pyridine-d5	3.866	84	57357	15.619	ng/ul	0.00
7) Phenol-d5	7.221	99	104601	21.297	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.368	67	58664	18.861	ng/ul	0.00
11) 2-Chlorophenol-d4	7.580	132	77577	23.026	ng/ul	0.00
15) 4-Methylphenol-d8	8.761	113	85667	22.152	ng/ul	0.02
21) Nitrobenzene-d5	9.213	128	40486	24.579	ng/ul	0.00
24) 2-Nitrophenol-d4	9.936	143	48812	25.949	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	96835	26.689	ng/ul	0.02
31) 4-Chloroaniline-d4	10.993	131	114631	21.762	ng/ul	0.00
46) Dimethylphthalate-d6	14.078	166	293350	24.331	ng/ul	0.00
49) Acenaphthylene-d8	14.378	160	328470	26.054	ng/ul	0.00
54) 4-Nitrophenol-d4	14.901	143	38052	19.763	ng/ul	0.03
60) Fluorene-d10	15.670	176	256131	25.235	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.788	200	27258	16.051	ng/ul	0.00
73) Anthracene-d10	17.521	188	392147	25.975	ng/ul	0.00
81) Pyrene-d10	19.807	212	426979	25.144	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.689	264	447595	26.679	ng/ul	0.03
Target Compounds						Qvalue
61) Fluorene	15.723	166	12902	1.123	ng/ul#	96
72) Phenanthrene	17.468	178	204724	12.007	ng/ul	99
74) Anthracene	17.556	178	50833	2.885	ng/ul	96
80) Fluoranthene	19.472	202	329117	16.377	ng/ul#	92
82) Pyrene	19.836	202	260451	12.547	ng/ul#	90
85) Benzo(a)anthracene	21.663	228	159678	7.639	ng/ul	98
87) Chrysene	21.728	228	135044m	6.901	ng/ul	
90) Benzo(b)fluoranthene	23.884	252	157890	7.408	ng/ul	95
91) Benzo(k)fluoranthene	23.949	252	63887m	3.006	ng/ul	
93) Benzo(a)pyrene	24.760	252	114504	5.674	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.561	276	61669m	2.391	ng/ul	
96) Benzo(g,h,i)perylene	29.748	276	49747m	2.425	ng/ul	

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

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