Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061560.D
Acq On : 8 Jun 2024 10:02
Operator : MA/JU
Sample : P2647-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 09 23:31:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BHBS5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	23088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	94262	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.511	164	70026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	163414	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	179043	20.000	ng/ul	0.00
88) Perylene-d12	24.622	264	206114	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	1553	3.764	ng/uL	-0.02
4) Pyridine-d5	3.741	84	24515	16.703	ng/ul	-0.03
7) Phenol-d5	7.061	99	41479	21.877	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.202	67	24774	20.788	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.413	132	33528	23.894	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	34355	21.250	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	18021	24.831	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.752	143	20521	24.160	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	40946	24.728	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	41479	19.147	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	124774	22.974	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	137330	24.322	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	10314	15.361	ng/ul	0.00
60) Fluorene-d10	15.504	176	112041	23.895	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	14366	14.535	ng/ul	0.00
73) Anthracene-d10	17.360	188	174393	24.206	ng/ul	0.00
81) Pyrene-d10	19.658	212	217141	23.620	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.405	264	242010	24.423	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.307	178	16252	2.049	ng/ul#	94
80) Fluoranthene	19.323	202	35583	3.227	ng/ul	98
82) Pyrene	19.687	202	34141	2.982	ng/ul#	96
85) Benzo(a)anthracene	21.503	228	19797	1.602	ng/ul	97
87) Chrysene	21.567	228	21141	1.858	ng/ul	97
90) Benzo(b)fluoranthene	23.641	252	27559	2.246	ng/ul#	98
93) Benzo(a)pyrene	24.470	252	21377m	1.834	ng/ul	
96) Benzo(g,h,i)perylene	29.252	276	13858m	1.236	ng/ul	

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

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