Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061479.D
Acq On : 5 Jun 2024 7:58
Operator : MA/JU
Sample : P2589-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 05 08:32:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH5W6DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	32402	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	136511	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.512	164	99983	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	236936	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	254565	20.000	ng/ul	0.00
88) Perylene-d12	24.612	264	297039	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.742	84	6200	3.010	ng/ul	0.00
7) Phenol-d5	7.062	99	14082	5.292	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	8313	4.970	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	11181	5.678	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	10980	4.839	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	6502	6.186	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	6649	5.405	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	15015	6.261	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	5623m	1.792	ng/ul	0.00
46) Dimethylphthalate-d6	13.913	166	53180	6.858	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160	52162	6.470	ng/ul	0.00
54) 4-Nitrophenol-d4	14.771	143	2986	3.115	ng/ul	0.03
60) Fluorene-d10	15.505	176	44107	6.588	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.658	200	3874m	2.703	ng/ul	0.02
73) Anthracene-d10	17.362	188	70205m	6.721	ng/ul	0.00
81) Pyrene-d10	19.659	212	90239	6.904	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.395	264	97462	6.825	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.303	178	201313	17.506	ng/ul	99
74) Anthracene	17.397	178	24580	2.067	ng/ul	94
77) Carbazole	17.667	167	13853	1.432	ng/ul	99
80) Fluoranthene	19.324	202	565685	36.077	ng/ul	99
82) Pyrene	19.688	202	517357	31.786	ng/ul	99
85) Benzo(a)anthracene	21.504	228	339812	19.346	ng/ul	99
87) Chrysene	21.563	228	340832	21.073	ng/ul	98
90) Benzo(b)fluoranthene	23.637	252	462043	26.125	ng/ul	99
91) Benzo(k)fluoranthene	23.695	252	159439m	8.880	ng/ul	
93) Benzo(a)pyrene	24.471	252	330178	19.661	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.125	276	223547	11.007	ng/ul	99
95) Dibenzo(a,h)anthracene	28.143	278	54394	3.248	ng/ul#	90
96) Benzo(g,h,i)perylene	29.218	276	175723m	10.876	ng/ul	

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

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