Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061522.D
Acq On : 6 Jun 2024 23:13
Operator : MA/JU
Sample : P2634-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 07 00:13:14 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 :
BHBW9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	35575	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	122254	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	85190	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	191072	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	205968	20.000	ng/ul	0.00
88) Perylene-d12	24.615	264	235884	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	1781m	2.802	ng/uL	0.02
4) Pyridine-d5	3.775	84	33189	14.675	ng/ul	0.00
7) Phenol-d5	7.071	99	62388	21.355	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	36038	19.626	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	50655	23.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	49977	20.062	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	27476	29.190	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	32749	29.728	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	60807	28.314	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	52000	18.508	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	186593	28.241	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	205402	29.903	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	18519	22.671	ng/ul	0.00
60) Fluorene-d10	15.503	176	163929	28.738	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	15134	13.096	ng/ul	0.00
73) Anthracene-d10	17.359	188	259121	30.761	ng/ul	0.00
81) Pyrene-d10	19.657	212	314238	29.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.404	264	341106	30.079	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.233	152	15201	1.996	ng/ul	92
72) Phenanthrene	17.300	178	127551	13.754	ng/ul	99
74) Anthracene	17.394	178	17073	1.781	ng/ul	96
77) Carbazole	17.671	167	11194	1.435	ng/ul	93
80) Fluoranthene	19.322	202	367635	28.978	ng/ul	98
82) Pyrene	19.686	202	355375	26.986	ng/ul	98
83) Butylbenzylphthalate	20.573	149	463929	102.551	ng/ul	99
85) Benzo(a)anthracene	21.501	228	225120	15.840	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.407	149	52408	7.826	ng/ul#	96
87) Chrysene	21.566	228	238541	18.229	ng/ul	98
90) Benzo(b)fluoranthene	23.634	252	325396	23.169	ng/ul	100
91) Benzo(k)fluoranthene	23.693	252	116220m	8.151	ng/ul	
93) Benzo(a)pyrene	24.469	252	231487	17.358	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.123	276	158950	9.856	ng/ul	99
95) Dibenzo(a,h)anthracene	28.152	278	44089m	3.315	ng/ul	
96) Benzo(g,h,i)perylene	29.222	276	142620m	11.116	ng/ul	

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

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