Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061465.D
Acq On : 4 Jun 2024 21:43
Operator : MA/JU
Sample : P2590-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 04 22:51:39 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 :
BHBL6

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	7.874	152	31828	20.000	ng/ul	0.00
20) Naphthalene-d8	10.671	136	121989	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.513	164	91605	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	213475	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.517	240	212332	20.000	ng/ul	0.00
88) Perylene-d12	24.607	264	256414	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	1066m	1.874	ng/uL	0.00
4) Pyridine-d5	3.749	84	3517	1.738	ng/ul	0.01
7) Phenol-d5	7.063	99	36131	13.824	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	26741	16.277	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	31941	16.512	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	23502	10.545	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128	18172	19.348	ng/ul	0.00
24) 2-Nitrophenol-d4	9.754	143	18777	17.082	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.312	165	38746	18.081	ng/ul	0.01
31) 4-Chloroaniline-d4	10.806	131	23880	8.518	ng/ul	0.00
46) Dimethylphthalate-d6	13.914	166	132051	18.586	ng/ul	0.00
49) Acenaphthylene-d8	14.208	160	144578	19.574	ng/ul	0.00
54) 4-Nitrophenol-d4	14.766	143	5918m	6.737	ng/ul	0.03
60) Fluorene-d10	15.506	176	119714	19.517	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.653	200	11689	9.053	ng/ul	0.02
73) Anthracene-d10	17.363	188	174915	18.585	ng/ul	0.00
81) Pyrene-d10	19.654	212	252821	23.190	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.401	264	267877	21.730	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.712	128	6577	1.021	ng/ul	97
36) 2-Methylnaphthalene	12.327	142	6813	1.459	ng/ul	95
37) 1-Methylnaphthalene	12.551	142	5758	1.202	ng/ul#	92
52) Acenaphthene	14.572	153	9807	1.825	ng/ul	98
61) Fluorene	15.565	166	10141	1.526	ng/ul	97
72) Phenanthrene	17.304	178	237323	22.905	ng/ul	99
74) Anthracene	17.398	178	30830	2.878	ng/ul	97
77) Carbazole	17.668	167	13169	1.511	ng/ul	95
80) Fluoranthene	19.325	202	343925	26.297	ng/ul	99
82) Pyrene	19.683	202	366958	27.030	ng/ul	99
85) Benzo(a)anthracene	21.499	228	174405	11.904	ng/ul	97
87) Chrysene	21.564	228	200575	14.868	ng/ul	97
90) Benzo(b)fluoranthene	23.638	252	240788	15.772	ng/ul	98
91) Benzo(k)fluoranthene	23.691	252	80128m	5.170	ng/ul	
93) Benzo(a)pyrene	24.466	252	177282	12.229	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.115	276	109382m	6.239	ng/ul	
95) Dibenzo(a,h)anthracene	28.132	278	30743m	2.127	ng/ul	
96) Benzo(g,h,i)perylene	29.214	276	102825m	7.373	ng/ul	

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

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