Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061840.D
Acq On : 2 Jul 2024 10:22
Operator : MA/JU
Sample : P2963-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jul 02 12:07:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CQ7

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	77007	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	352062	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.683	164	224754	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	468992	20.000	ng/ul	0.00
79) Chrysene-d12	21.692	240	350960	20.000	ng/ul	0.00
88) Perylene-d12	24.918	264	420954	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	9049	4.245	ng/uL	0.00
4) Pyridine-d5	3.890	84	31348	4.864	ng/ul	0.02
7) Phenol-d5	7.215	99	207890	24.868	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.380	67	125339	24.051	ng/ul	0.00
11) 2-Chlorophenol-d4	7.585	132	152127	26.518	ng/ul	0.00
15) 4-Methylphenol-d8	8.760	113	160868	24.892	ng/ul	0.00
21) Nitrobenzene-d5	9.225	128	73563	30.773	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	82841	34.216	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	159541	27.829	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	46725	5.383	ng/ul	0.00
46) Dimethylphthalate-d6	14.089	166	491497	28.417	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	535405	28.247	ng/ul	0.00
54) 4-Nitrophenol-d4	14.883	143	67720	22.798	ng/ul	0.02
60) Fluorene-d10	15.676	176	424708	28.049	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	38542	19.219	ng/ul	0.00
73) Anthracene-d10	17.527	188	645312	30.144	ng/ul	0.00
81) Pyrene-d10	19.812	212	566048	28.874	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.695	264	419037	20.842	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.917	128	33080	1.679	ng/ul	97
50) Acenaphthylene	14.407	152	27480	1.299	ng/ul	95
52) Acenaphthene	14.748	153	33141	2.262	ng/ul	97
56) Dibenzofuran	15.082	168	33217	1.620	ng/ul	89
61) Fluorene	15.729	166	35337	2.082	ng/ul#	96
72) Phenanthrene	17.474	178	664285	26.923	ng/ul	98
74) Anthracene	17.562	178	134031	5.312	ng/ul	96
77) Carbazole	17.832	167	58619	2.736	ng/ul#	90
80) Fluoranthene	19.477	202	1002852	44.089	ng/ul	97
82) Pyrene	19.842	202	746569	30.868	ng/ul	96
85) Benzo(a)anthracene	21.675	228	460557	18.695	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.581	149	75350	5.821	ng/ul	98
87) Chrysene	21.739	228	507500	21.771	ng/ul	98
90) Benzo(b)fluoranthene	23.901	252	674555	26.657	ng/ul	98
91) Benzo(k)fluoranthene	23.954	252	229750	8.828	ng/ul#	97
93) Benzo(a)pyrene	24.765	252	259413	10.648	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.596	276	260452	8.580	ng/ul	95
95) Dibenzo(a,h)anthracene	28.625	278	98740m	3.912	ng/ul	
96) Benzo(g,h,i)perylene	29.753	276	37869m	1.547	ng/ul	

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

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