Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061432.D
Acq On : 3 Jun 2024 20:56
Operator : MA/JU
Sample : P2589-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 03 23:08:17 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 :
BH6C3

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152	30900	20.000	ng/ul		0.00
20) Naphthalene-d8	10.667	136	125525	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.510	164	99181	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.259	188	241137	20.000	ng/ul		0.00
79) Chrysene-d12	21.513	240	250760	20.000	ng/ul		0.00
88) Perylene-d12	24.604	264	292618	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.341	96	2468	4.470	ng/uL		0.00
4) Pyridine-d5	3.746	84	24087	12.262	ng/ul		0.00
7) Phenol-d5	7.060	99	56940	22.439	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	35186	22.061	ng/ul		0.00
11) 2-Chlorophenol-d4	7.412	132	46031	24.511	ng/ul		0.00
15) 4-Methylphenol-d8	8.593	113	46371	21.431	ng/ul		0.00
21) Nitrobenzene-d5	9.028	128	23385	24.197	ng/ul		0.00
24) 2-Nitrophenol-d4	9.757	143	25070	22.165	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.303	165	53238	24.143	ng/ul		0.00
31) 4-Chloroaniline-d4	10.808	131	43897	15.216	ng/ul		0.00
46) Dimethylphthalate-d6	13.916	166	185031	24.054	ng/ul		0.00
49) Acenaphthylene-d8	14.204	160	199366	24.930	ng/ul		0.00
54) 4-Nitrophenol-d4	14.757	143	17294	18.185	ng/ul		0.02
60) Fluorene-d10	15.503	176	163360	24.598	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	25095	17.207	ng/ul		0.00
73) Anthracene-d10	17.359	188	271453	25.534	ng/ul		0.00
81) Pyrene-d10	19.657	212	339773	26.389	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.398	264	371526	26.410	ng/ul		0.01
Target Compounds							Qvalue
72) Phenanthrene	17.301	178	185640	15.862	ng/ul		99
74) Anthracene	17.395	178	24979	2.064	ng/ul		96
77) Carbazole	17.665	167	16098	1.636	ng/ul	#	91
80) Fluoranthene	19.322	202	460678	29.826	ng/ul		99
82) Pyrene	19.686	202	437699	27.300	ng/ul		97
83) Butylbenzylphthalate	20.573	149	6643	1.206	ng/ul	#	92
85) Benzo(a)anthracene	21.496	228	244615	14.138	ng/ul		98
86) Bis(2-ethylhexyl)phtha...	21.408	149	52857	6.483	ng/ul	#	96
87) Chrysene	21.560	228	267008	16.759	ng/ul		97
90) Benzo(b)fluoranthene	23.629	252	360946	20.717	ng/ul		98
91) Benzo(k)fluoranthene	23.687	252	106124m	6.000	ng/ul		
93) Benzo(a)pyrene	24.463	252	230392	13.926	ng/ul		94
94) Indeno(1,2,3-cd)pyrene	28.117	276	164088	8.202	ng/ul		95
95) Dibenzo(a,h)anthracene	28.135	278	44084	2.672	ng/ul	#	93
96) Benzo(g,h,i)perylene	29.198	276	139659m	8.775	ng/ul		

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

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