Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 31 22:54:10 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 :
BH5T8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	24592	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	95138	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	75776	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	183007	20.000	ng/ul	0.00
79) Chrysene-d12	21.507	240	184498	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	211334	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2132	4.852	ng/uL	0.00
4) Pyridine-d5	3.740	84	18797	12.024	ng/ul	0.00
7) Phenol-d5	7.054	99	38523	19.075	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	25289	19.923	ng/ul	0.00
11) 2-Chlorophenol-d4	7.406	132	30859	20.647	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	19028	11.050	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	16293	22.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	19250	22.455	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.297	165	36399	21.779	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	14801	6.769	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	128488	21.863	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	143712	23.521	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	12270	16.887	ng/ul	0.01
60) Fluorene-d10	15.503	176	119329	23.518	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	18588	16.793	ng/ul	0.00
73) Anthracene-d10	17.353	188	193576	23.992	ng/ul	0.00
81) Pyrene-d10	19.651	212	235666	24.877	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.380	264	247737	24.383	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.300	178	71792	8.083	ng/ul	99
77) Carbazole	17.659	167	7576	1.014	ng/ul	99
80) Fluoranthene	19.316	202	190832	16.792	ng/ul	99
82) Pyrene	19.680	202	176327	14.948	ng/ul	99
83) Butylbenzylphthalate	20.567	149	7808	1.927	ng/ul	93
85) Benzo(a)anthracene	21.490	228	95930	7.535	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.402	149	49308	8.220	ng/ul#	96
87) Chrysene	21.554	228	114132m	9.737	ng/ul	
90) Benzo(b)fluoranthene	23.622	252	156883	12.468	ng/ul	97
91) Benzo(k)fluoranthene	23.675	252	48293m	3.781	ng/ul	
93) Benzo(a)pyrene	24.451	252	96599	8.085	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.082	276	76327	5.283	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.111	278	20816m	1.747	ng/ul	
96) Benzo(g,h,i)perylene	29.175	276	69188m	6.019	ng/ul	

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

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