Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061388.D
Acq On : 31 May 2024 10:51
Operator : MA/JU
Sample : P2570-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 31 11:30:16 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 :
BH652

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	38672	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	146337	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.509	164	105505	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	229870	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.513	240	241844	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	268903	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	2515	3.639	ng/uL	0.01
4) Pyridine-d5	3.745	84	36025	14.654	ng/ul	0.00
7) Phenol-d5	7.059	99	63575	20.019	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.206	67	38212	19.143	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	52726	22.434	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	47053	17.376	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	26460	23.485	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	31067	23.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	60775	23.642	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	23533	6.997	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	184368	22.531	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	206593	24.285	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	18673	18.458	ng/ul	0.00
60) Fluorene-d10	15.508	176	161160	22.812	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	18461	13.278	ng/ul	0.00
73) Anthracene-d10	17.359	188	254541	25.117	ng/ul	0.00
81) Pyrene-d10	19.656	212	305812	24.627	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	328289	25.394	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.300	178	111884	10.028	ng/ul	95
74) Anthracene	17.394	178	15030	1.303	ng/ul	99
77) Carbazole	17.664	167	11830	1.261	ng/ul	97
80) Fluoranthene	19.321	202	384341	25.801	ng/ul	99
82) Pyrene	19.679	202	363091	23.482	ng/ul	99
83) Butylbenzylphthalate	20.572	149	30133	5.673	ng/ul	97
85) Benzo(a)anthracene	21.495	228	201101	12.051	ng/ul	97
87) Chrysene	21.560	228	231711	15.080	ng/ul	96
90) Benzo(b)fluoranthene	23.628	252	320069	19.991	ng/ul	98
91) Benzo(k)fluoranthene	23.686	252	110277	6.785	ng/ul	96
93) Benzo(a)pyrene	24.456	252	207634	13.658	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.105	276	143450m	7.803	ng/ul	
95) Dibenzo(a,h)anthracene	28.152	278	34715m	2.290	ng/ul	
96) Benzo(g,h,i)perylene	29.192	276	120556m	8.243	ng/ul	

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

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