Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061366.D
Acq On : 30 May 2024 19:14
Operator : MA/JU
Sample : P2570-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 30 23:09:12 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 :
BH6B0

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	7.877	152	22576	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	86717	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	68516	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	173235	20.000	ng/ul	0.00
79) Chrysene-d12	21.508	240	177221	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	198515	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2165m	5.367	ng/uL	0.00
4) Pyridine-d5	3.746	84	28904	20.140	ng/ul	0.00
7) Phenol-d5	7.054	99	48426	26.120	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	30657	26.308	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	39292	28.637	ng/ul	0.00
15) 4-Methylphenol-d8	8.588	113	37141	23.494	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	19648	29.428	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	22091	28.271	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	43936	28.842	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	48627	24.400	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	151039	28.423	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	167321	30.287	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	15738	23.955	ng/ul	0.00
60) Fluorene-d10	15.503	176	132489	28.878	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	22077	21.071	ng/ul	0.00
73) Anthracene-d10	17.354	188	218478	28.606	ng/ul	0.00
81) Pyrene-d10	19.651	212	282873	31.087	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	296386	31.055	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.301	178	9940	1.182	ng/ul	97
80) Fluoranthene	19.316	202	32631	2.989	ng/ul	98
82) Pyrene	19.675	202	33412	2.949	ng/ul	98
85) Benzo(a)anthracene	21.490	228	25111	2.054	ng/ul#	88
86) Bis(2-ethylhexyl)phtha...	21.402	149	12604m	2.188	ng/ul	
87) Chrysene	21.555	228	23778	2.112	ng/ul#	95
90) Benzo(b)fluoranthene	23.617	252	35057m	2.966	ng/ul	
93) Benzo(a)pyrene	24.446	252	24425	2.176	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.077	276	17280m	1.273	ng/ul	
96) Benzo(g,h,i)perylene	29.158	276	15957m	1.478	ng/ul	

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

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