Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061544.D
Acq On : 7 Jun 2024 22:24
Operator : MA/JU
Sample : P2640-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 08 00:25:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4C26

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	24242	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	96835	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164	79286	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	175779	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	187833	20.000	ng/ul	0.00
88) Perylene-d12	24.629	264	213678	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1798	4.151	ng/uL	-0.03
4) Pyridine-d5	3.742	84	10075	6.538	ng/ul	-0.03
7) Phenol-d5	7.062	99	42429	21.313	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.197	67	25154	20.103	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.408	132	35503	24.097	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	32426	19.102	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	17651	23.675	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	20435	23.420	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	41268	24.260	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	20287	9.116	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166	140252	22.808	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160	149029	23.311	ng/ul	0.00
54) 4-Nitrophenol-d4	14.764	143	12984	17.079	ng/ul	0.00
60) Fluorene-d10	15.505	176	123788	23.317	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	16361	15.389	ng/ul	0.00
73) Anthracene-d10	17.361	188	196879	25.405	ng/ul	0.00
81) Pyrene-d10	19.659	212	221632	22.980	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.412	264	197694	19.245	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.303	178	96874	11.355	ng/ul	97
74) Anthracene	17.397	178	16780	1.902	ng/ul	97
77) Carbazole	17.673	167	9645	1.344	ng/ul	93
80) Fluoranthene	19.324	202	242862	20.991	ng/ul	99
82) Pyrene	19.688	202	180045	14.992	ng/ul#	97
85) Benzo(a)anthracene	21.504	228	116049	8.954	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	13041	2.136	ng/ul#	98
87) Chrysene	21.568	228	132618	11.113	ng/ul	95
90) Benzo(b)fluoranthene	23.648	252	181895	14.297	ng/ul	99
91) Benzo(k)fluoranthene	23.707	252	57704m	4.468	ng/ul	
93) Benzo(a)pyrene	24.482	252	74219	6.144	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.155	276	70357m	4.816	ng/ul	
95) Dibenzo(a,h)anthracene	28.196	278	22254m	1.847	ng/ul	

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

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