Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061566.D
Acq On : 8 Jun 2024 15:32
Operator : MA/JU
Sample : P2647-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 09 23:51:40 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 :
BH5T5

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	27301	20.000	ng/ul	0.00
20) Naphthalene-d8	10.662	136	100387	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.511	164	74600	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.261	188	173381	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	189213	20.000	ng/ul	0.00
88) Perylene-d12	24.623	264	215130	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1341	2.749	ng/uL	-0.03
4) Pyridine-d5	3.741	84	11229	6.470	ng/ul	-0.03
7) Phenol-d5	7.067	99	33685	15.025	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	20505	14.551	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.413	132	27469	16.555	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	27311	14.286	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	13488	17.451	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.752	143	16059	17.753	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	32938	18.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	26119	11.321	ng/ul	0.00
46) Dimethylphthalate-d6	13.912	166	96227	16.632	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	109486	18.202	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	8629m	12.063	ng/ul	0.01
60) Fluorene-d10	15.504	176	86508	17.318	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	9227	8.799	ng/ul	0.00
73) Anthracene-d10	17.360	188	137349	17.969	ng/ul	0.00
81) Pyrene-d10	19.658	212	169255	17.422	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.411	264	192236	18.587	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.302	178	18930	2.250	ng/ul#	95
80) Fluoranthene	19.323	202	47315	4.060	ng/ul	97
82) Pyrene	19.687	202	44980	3.718	ng/ul	98
85) Benzo(a)anthracene	21.503	228	36561	2.800	ng/ul#	96
87) Chrysene	21.567	228	40966	3.408	ng/ul#	94
90) Benzo(b)fluoranthene	23.635	252	54379	4.245	ng/ul	96
91) Benzo(k)fluoranthene	23.694	252	20942m	1.611	ng/ul	
93) Benzo(a)pyrene	24.476	252	30486	2.507	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.142	276	25171m	1.711	ng/ul	
96) Benzo(g,h,i)perylene	29.247	276	22531m	1.926	ng/ul	

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

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