Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061540.D
Acq On : 7 Jun 2024 19:39
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 07 22:13:16 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 :
A4BG8

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	7.870	152	21857	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	90794	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	69678	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	167578	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	185705	20.000	ng/ul	0.00
88) Perylene-d12	24.627	264	214300	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2018m	5.167	ng/uL	-0.03
4) Pyridine-d5	3.734	84	15437	11.110	ng/ul	-0.04
7) Phenol-d5	7.060	99	56209	31.316	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	32647	28.938	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.412	132	46313	34.864	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	46006	30.059	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	24130	34.518	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.751	143	28237	34.514	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	57642	36.140	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	52395	25.110	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	184367	34.116	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	196790	35.027	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	17572m	26.301	ng/ul	0.00
60) Fluorene-d10	15.509	176	162306	34.787	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	25230	24.893	ng/ul	0.00
73) Anthracene-d10	17.365	188	262443	35.523	ng/ul	0.00
81) Pyrene-d10	19.662	212	296367	31.082	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.416	264	252508	24.509	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	25661	3.155	ng/ul	97
80) Fluoranthene	19.328	202	56934	4.977	ng/ul#	96
82) Pyrene	19.686	202	44670	3.762	ng/ul	98
85) Benzo(a)anthracene	21.507	228	31722	2.476	ng/ul	97
87) Chrysene	21.572	228	31603	2.679	ng/ul	98
90) Benzo(b)fluoranthene	23.646	252	40717	3.191	ng/ul#	94
91) Benzo(k)fluoranthene	23.705	252	17577m	1.357	ng/ul	
93) Benzo(a)pyrene	24.474	252	18582	1.534	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.141	276	17078m	1.166	ng/ul	

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

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