Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061548.D
Acq On : 8 Jun 2024 1:09
Operator : MA/JU
Sample : P2640-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 08 01:47:38 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 :
A4C25

Manual Integrations APPROVED

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

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	27103	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	105154	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	81176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	189668	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	198982	20.000	ng/ul	0.00
88) Perylene-d12	24.621	264	229882	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1696	3.502	ng/uL	-0.03
4) Pyridine-d5	3.740	84	28414	16.491	ng/ul	-0.03
7) Phenol-d5	7.059	99	43652	19.613	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	26153	18.695	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.412	132	35014	21.257	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	35722	18.822	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	17225	21.276	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.750	143	20367	21.495	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	40183	21.753	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	39834	16.483	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	133286	21.170	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	146683	22.410	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	12648m	16.249	ng/ul	0.00
60) Fluorene-d10	15.508	176	118987	21.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	16045	13.987	ng/ul	0.00
73) Anthracene-d10	17.365	188	192097	22.973	ng/ul	0.00
81) Pyrene-d10	19.656	212	233791	22.883	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.410	264	252188	22.819	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	47365	5.145	ng/ul	99
74) Anthracene	17.400	178	10449m	1.098	ng/ul	
80) Fluoranthene	19.322	202	67106	5.475	ng/ul	99
82) Pyrene	19.686	202	58298	4.582	ng/ul	99
85) Benzo(a)anthracene	21.507	228	35055	2.553	ng/ul	94
87) Chrysene	21.566	228	31875m	2.521	ng/ul	
90) Benzo(b)fluoranthene	23.646	252	39880	2.914	ng/ul#	98
91) Benzo(k)fluoranthene	23.699	252	14662	1.055	ng/ul#	88
93) Benzo(a)pyrene	24.474	252	31219m	2.402	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.146	276	17857m	1.136	ng/ul	
96) Benzo(g,h,i)perylene	29.239	276	17197m	1.375	ng/ul	

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

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