Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061482.D
Acq On : 5 Jun 2024 10:00
Operator : MA/JU
Sample : P2589-02DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 05 23:31:17 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 :
BH5W3DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	34802	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	140776	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.515	164	109172	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	251086m	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	241372	20.000	ng/ul	0.01
88) Perylene-d12	24.621	264	283006	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1190	1.914	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.065	99	29262	10.239	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	19598	10.910	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	24892	11.769	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	19262	7.904	ng/ul	0.01
21) Nitrobenzene-d5	9.034	128	13376	12.341	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	15687	12.367	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	30578	12.365	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	4769	1.474	ng/ul	0.01
46) Dimethylphthalate-d6	13.916	166	109460	12.928	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	118104	13.417	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	4961	4.739	ng/ul	0.04
60) Fluorene-d10	15.508	176	96362	13.182	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	10301m	6.783	ng/ul	0.02
73) Anthracene-d10	17.365	188	152430	13.770	ng/ul	0.00
81) Pyrene-d10	19.656	212	189531	15.293	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.416	264	192724	14.165	ng/ul	0.03
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	218833m	17.957	ng/ul	
74) Anthracene	17.400	178	28875	2.292	ng/ul	99
77) Carbazole	17.671	167	23531m	2.296	ng/ul	
80) Fluoranthene	19.327	202	726657	48.876	ng/ul	100
82) Pyrene	19.692	202	661688	42.876	ng/ul	98
83) Butylbenzylphthalate	20.573	149	10770	2.031	ng/ul#	84
85) Benzo(a)anthracene	21.501	228	378265	22.712	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	51595	6.575	ng/ul#	97
87) Chrysene	21.566	228	418935	27.318	ng/ul	98
90) Benzo(b)fluoranthene	23.646	252	600287	35.625	ng/ul	98
91) Benzo(k)fluoranthene	23.699	252	193314m	11.301	ng/ul	
93) Benzo(a)pyrene	24.480	252	391028	24.439	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.135	276	279325	14.436	ng/ul	99
95) Dibenzo(a,h)anthracene	28.158	278	70867m	4.442	ng/ul	
96) Benzo(g,h,i)perylene	29.228	276	235839m	15.321	ng/ul	

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

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