Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061403.D
Acq On : 31 May 2024 21:37
Operator : MA/JU
Sample : P2588-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 31 23:08:48 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 :
BH6E5

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	27431	20.000	ng/ul	0.00
20) Naphthalene-d8	10.664	136	104245	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.507	164	83048	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.256	188	197960	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.510	240	208012	20.000	ng/ul	0.00
88) Perylene-d12	24.595	264	237412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2154	4.394	ng/uL	0.00
4) Pyridine-d5	3.743	84	28665	16.438	ng/ul	0.00
7) Phenol-d5	7.057	99	37949	16.846	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	24830	17.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.409	132	30839	18.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.590	113	27367	14.248	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128	16781	20.908	ng/ul	0.00
24) 2-Nitrophenol-d4	9.747	143	19258	20.502	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.300	165	38782	21.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	38958	16.261	ng/ul	0.00
46) Dimethylphthalate-d6	13.913	166	135059	20.969	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160	149787	22.369	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	13788m	17.315	ng/ul	0.00
60) Fluorene-d10	15.505	176	124558	22.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	20149	16.829	ng/ul	0.00
73) Anthracene-d10	17.356	188	221383	25.366	ng/ul	0.00
81) Pyrene-d10	19.648	212	273183	25.578	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.383	264	298081	26.116	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.297	178	82076	8.542	ng/ul	99
74) Anthracene	17.391	178	10923	1.100	ng/ul	93
80) Fluoranthene	19.319	202	225132	17.571	ng/ul	100
82) Pyrene	19.677	202	209908	15.783	ng/ul	99
85) Benzo(a)anthracene	21.493	228	121790	8.485	ng/ul	99
87) Chrysene	21.557	228	135795m	10.275	ng/ul	
90) Benzo(b)fluoranthene	23.625	252	186727	13.210	ng/ul	97
91) Benzo(k)fluoranthene	23.678	252	55511m	3.868	ng/ul	
93) Benzo(a)pyrene	24.454	252	125853	9.376	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.085	276	91989	5.667	ng/ul	97
95) Dibenzo(a,h)anthracene	28.132	278	25098m	1.875	ng/ul	
96) Benzo(g,h,i)perylene	29.172	276	91700m	7.101	ng/ul	

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

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