Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061401.D
Acq On : 31 May 2024 20:15
Operator : MA/JU
Sample : P2588-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 31 22:58:37 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 :
BH5W1

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	7.874	152	24177	20.000	ng/ul	0.00
20) Naphthalene-d8	10.665	136	97390	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.507	164	76119	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	186134	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.511	240	191735	20.000	ng/ul	0.00
88) Perylene-d12	24.589	264	216647	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	1778	4.116	ng/uL	0.00
4) Pyridine-d5	3.737	84	26105	16.985	ng/ul	0.00
7) Phenol-d5	7.063	99	33706	16.977	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	21077	16.890	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	26952	18.342	ng/ul	0.00
15) 4-Methylphenol-d8	8.591	113	26672	15.755	ng/ul	0.00
21) Nitrobenzene-d5	9.025	128	13790	18.391	ng/ul	0.00
24) 2-Nitrophenol-d4	9.748	143	16391	18.678	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.300	165	33053	19.320	ng/ul	0.00
31) 4-Chloroaniline-d4	10.800	131	36563	16.336	ng/ul	0.00
46) Dimethylphthalate-d6	13.914	166	113239	19.181	ng/ul	0.00
49) Acenaphthylene-d8	14.202	160	126523	20.614	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	15407	21.109	ng/ul	0.01
60) Fluorene-d10	15.500	176	106443	20.884	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	19576m	17.389	ng/ul	0.00
73) Anthracene-d10	17.357	188	191819	23.375	ng/ul	0.00
81) Pyrene-d10	19.648	212	238989	24.276	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.384	264	259519	24.917	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.298	178	21997	2.435	ng/ul	98
80) Fluoranthene	19.313	202	56394	4.775	ng/ul#	97
82) Pyrene	19.678	202	53604	4.373	ng/ul	97
85) Benzo(a)anthracene	21.493	228	33317	2.518	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.405	149	19505	3.129	ng/ul#	99
87) Chrysene	21.552	228	34555m	2.837	ng/ul	
90) Benzo(b)fluoranthene	23.614	252	45738	3.546	ng/ul	96
91) Benzo(k)fluoranthene	23.667	252	15181m	1.159	ng/ul	
93) Benzo(a)pyrene	24.448	252	29097	2.376	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.085	276	22449m	1.516	ng/ul	
96) Benzo(g,h,i)perylene	29.161	276	21336m	1.811	ng/ul	

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

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