Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061347.D
Acq On : 30 May 2024 4:19
Operator : MA/JU
Sample : P2548-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 30 04:53:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH617

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	25082	20.000	ng/ul	0.00
20) Naphthalene-d8	10.674	136	104642	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.516	164	78649	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	173414	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.514	240	180975	20.000	ng/ul	0.00
88) Perylene-d12	24.599	264	205020	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2537	5.661	ng/uL	0.00
4) Pyridine-d5	3.747	84	43158	27.067	ng/ul	0.00
7) Phenol-d5	7.066	99	69408	33.697	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	43713	33.765	ng/ul	0.00
11) 2-Chlorophenol-d4	7.419	132	55583	36.463	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	61015	34.740	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	30630	38.018	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	35591	37.746	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.304	165	70406	38.301	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.809	131	79345	32.993	ng/ul	-0.01
46) Dimethylphthalate-d6	13.923	166	232740	38.155	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	260138	41.021	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.745	143	25496	33.808	ng/ul	0.00
60) Fluorene-d10	15.509	176	203767	38.692	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	29446	28.075	ng/ul	0.00
73) Anthracene-d10	17.360	188	319300	41.764	ng/ul	0.00
81) Pyrene-d10	19.657	212	376863	40.557	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	408363	41.431	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.301	178	40876	4.856	ng/ul	97
80) Fluoranthene	19.322	202	127656	11.452	ng/ul	99
82) Pyrene	19.681	202	121206	10.475	ng/ul	98
85) Benzo(a)anthracene	21.496	228	72132	5.776	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.408	149	14282	2.427	ng/ul	94
87) Chrysene	21.555	228	78538	6.830	ng/ul	97
90) Benzo(b)fluoranthene	23.623	252	106408	8.717	ng/ul	98
91) Benzo(k)fluoranthene	23.676	252	38687m	3.122	ng/ul	
93) Benzo(a)pyrene	24.452	252	72958	6.294	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.089	276	54304m	3.874	ng/ul	
95) Dibenzo(a,h)anthracene	28.124	278	14688m	1.271	ng/ul	
96) Benzo(g,h,i)perylene	29.176	276	49721m	4.459	ng/ul	

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

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