Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061355.D
Acq On : 30 May 2024 9:45
Operator : MA/JU
Sample : P2571-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 31 02:16:21 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 :
BH6A4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	22981	20.000	ng/ul	0.00
20) Naphthalene-d8	10.673	136	97496	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	72563	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	162721	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.513	240	172064	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	187621	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	2099	5.111	ng/uL	0.01
4) Pyridine-d5	3.752	84	17245	11.804	ng/ul	0.01
7) Phenol-d5	7.066	99	54361	28.805	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.213	67	34304	28.919	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	44158	31.616	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	42341	26.312	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	22709	30.252	ng/ul	0.01
24) 2-Nitrophenol-d4	9.757	143	26752	30.451	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	53336	31.142	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	53304	23.789	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	165578	29.421	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	186798	31.926	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	16400	23.571	ng/ul	0.01
60) Fluorene-d10	15.509	176	147850	30.429	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	14676	14.912	ng/ul	0.00
73) Anthracene-d10	17.365	188	231783	32.309	ng/ul	0.00
81) Pyrene-d10	19.657	212	287905	32.588	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	318934	35.358	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.307	178	43654	5.527	ng/ul	96
80) Fluoranthene	19.322	202	90688	8.557	ng/ul	99
82) Pyrene	19.686	202	96924	8.810	ng/ul	97
85) Benzo(a)anthracene	21.496	228	52083	4.387	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.408	149	17686	3.162	ng/ul	93
87) Chrysene	21.560	228	64040	5.858	ng/ul	95
90) Benzo(b)fluoranthene	23.629	252	79973	7.159	ng/ul#	98
91) Benzo(k)fluoranthene	23.676	252	24697m	2.178	ng/ul	
93) Benzo(a)pyrene	24.457	252	52614	4.960	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.088	276	31761m	2.476	ng/ul	
96) Benzo(g,h,i)perylene	29.181	276	32788m	3.213	ng/ul	

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

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