Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059295.D
Acq On : 5 Oct 2023 14:00
Operator : MA/JU
Sample : 04527-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 06 00:00:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EZYY8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	30937	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	145420	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.863	164	88482	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.613	188	195200	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.914	240	165993	20.000	ng/ul	0.00
88) Perylene-d12	25.404	264	195106	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	4458	5.439	ng/uL	0.00
4) Pyridine-d5	3.970	84	8000	3.345	ng/ul	0.00
7) Phenol-d5	7.361	99	48780	15.752	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	35963	18.179	ng/ul	0.00
11) 2-Chlorophenol-d4	7.748	132	28119	13.508	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	36615	15.296	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	23483	22.884	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	8483	8.421	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	12953	6.259	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	63872	19.077	ng/ul	0.00
46) Dimethylphthalate-d6	14.258	166	144908	22.652	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	188617	23.490	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.851	176	145832	23.951	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.713	188	194216	21.836	ng/ul	0.00
81) Pyrene-d10	19.987	212	249995	26.893	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.157	264	243985	26.023	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.076	105	15567	4.199	ng/ul	99
30) Naphthalene	11.127	128	13290	1.705	ng/ul#	93
72) Phenanthrene	17.654	178	61439	5.735	ng/ul	98
80) Fluoranthene	19.652	202	111394	9.728	ng/ul	97
82) Pyrene	20.016	202	77906	6.423	ng/ul	96
85) Benzo(a)anthracene	21.896	228	52863	4.524	ng/ul	98
87) Chrysene	21.961	228	95626	8.665	ng/ul	99
90) Benzo(b)fluoranthene	24.264	252	135266	11.319	ng/ul#	96
91) Benzo(k)fluoranthene	24.335	252	48267m	3.986	ng/ul	
93) Benzo(a)pyrene	25.228	252	63786	5.627	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.405	276	69263m	5.397	ng/ul	
95) Dibenzo(a,h)anthracene	29.488	278	20656m	1.979	ng/ul	
96) Benzo(g,h,i)perylene	30.692	276	69604m	6.671	ng/ul	

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

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