Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059297.D
Acq On : 5 Oct 2023 15:22
Operator : MA/JU
Sample : 04527-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 06 00:18:32 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 :
EZYY5

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	8.232	152	28954	20.000	ng/ul	0.00
20) Naphthalene-d8	11.076	136	145315	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.865	164	90994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	197540	20.000	ng/ul	0.00
79) Chrysene-d12	21.916	240	172506	20.000	ng/ul	0.00
88) Perylene-d12	25.400	264	200493	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.537	96	2618m	3.413	ng/uL	0.01
4) Pyridine-d5	3.972	84	4420	1.975	ng/ul	0.00
7) Phenol-d5	7.356	99	49151	16.959	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	32048	17.310	ng/ul	0.00
11) 2-Chlorophenol-d4	7.750	132	38560	19.792	ng/ul	0.00
15) 4-Methylphenol-d8	8.931	113	16170	7.218	ng/ul	0.00
21) Nitrobenzene-d5	9.430	128	20636	20.124	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	22265	22.118	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	36907	17.847	ng/ul	0.00
31) 4-Chloroaniline-d4	11.217	131	30325	9.064	ng/ul	0.00
46) Dimethylphthalate-d6	14.260	166	131657	20.012	ng/ul	0.00
49) Acenaphthylene-d8	14.571	160	160845	19.478	ng/ul	0.00
54) 4-Nitrophenol-d4	15.053	143	12776m	11.121	ng/ul	0.00
60) Fluorene-d10	15.852	176	127035	20.288	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	7843	7.724	ng/ul	0.00
73) Anthracene-d10	17.715	188	171222	19.023	ng/ul	0.00
81) Pyrene-d10	19.989	212	219742	22.746	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.153	264	209729	21.768	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	9.072	105	14868	4.285	ng/ul#	85
72) Phenanthrene	17.656	178	17643	1.627	ng/ul#	94
80) Fluoranthene	19.654	202	28472	2.392	ng/ul#	93
82) Pyrene	20.018	202	33319	2.643	ng/ul	95
85) Benzo(a)anthracene	21.892	228	26532	2.185	ng/ul	99
87) Chrysene	21.963	228	36740m	3.203	ng/ul	
90) Benzo(b)fluoranthene	24.272	252	41738	3.399	ng/ul#	85
91) Benzo(k)fluoranthene	24.348	252	26965m	2.167	ng/ul	
93) Benzo(a)pyrene	25.224	252	39861m	3.422	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.419	276	33395m	2.532	ng/ul	
96) Benzo(g,h,i)perylene	30.700	276	40979m	3.822	ng/ul	

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

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