Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047334.D
Acq On : 16 Nov 2020 17:37
Operator : CG/JU
Sample : L4762-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/17/2020 4:10:02 PM

Quant Time: Nov 17 07:36:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	60856	20.00	ng/ul	0.02
18) Naphthalene-d8	10.83	136	236555	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.66	164	144725	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	272014	20.00	ng/ul	0.01
78) Chrysene-d12	21.68	240	300004	20.00	ng/ul	0.02
86) Perylene-d12	24.92	264	299750m	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	3644	2.42	ng/uL	0.01
5) Phenol-d5	7.19	99	112804	21.36	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	59964	19.74	ng/ul	0.02
9) 2-Chlorophenol-d4	7.55	132	90793	22.11	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	92044	21.84	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	44158	22.27	ng/ul	0.01
22) 2-Nitrophenol-d4	9.91	143	40905	17.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.45	165	104865	23.20	ng/ul	0.02
29) 4-Chloroaniline-d4	10.96	131	84011	21.80	ng/ul	0.01
44) Dimethylphthalate-d6	14.06	166	275430	23.15	ng/ul	0.01
47) Acenaphthylene-d8	14.35	160	349441	24.82	ng/ul	0.01
52) 4-Nitrophenol-d4	14.87	143	30787	16.44	ng/ul	0.03
58) Fluorene-d10	15.65	176	237094	21.46	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.77	200	157	0.08	ng/ul	0.01
71) Anthracene-d10	17.51	188	336642	25.53	ng/ul	0.02
79) Pyrene-d10	19.79	212	397680	23.24	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.70	264	405140	24.59	ng/ul	0.07
Target Compounds						Qvalue
28) Naphthalene	10.88	128	26431	1.989	ng/ul#	87
34) 2-Methylnaphthalene	12.49	142	59449	6.270	ng/ul	100
45) Dimethylphthalate	14.10	163	68781	5.760	ng/ul	96
70) Phenanthrene	17.45	178	76810	5.035	ng/ul	97
77) Fluoranthene	19.46	202	39862	2.171	ng/ul#	92
80) Pyrene	19.82	202	58945	2.871	ng/ul#	96
83) Benzo(a)anthracene	21.65	228	32561	1.602	ng/ul#	30
85) Chrysene	21.72	228	30797	1.575	ng/ul#	42
88) Benzo(b)fluoranthene	23.89	252	39807m	1.999	ng/ul	
91) Benzo(a)pyrene	24.76	252	23830m	1.329	ng/ul	
94) Benzo(g,h,i)perylene	29.77	276	22226m	1.193	ng/ul	

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

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