Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

Manual Integrations APPROVED
mohammad
11/17/2020 4:09:44 PM

Quant Time: Nov 16 15:16:19 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	60665	20.00	ng/ul	0.01
18) Naphthalene-d8	10.82	136	214431	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	150471	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	283930	20.00	ng/ul	0.02
78) Chrysene-d12	21.69	240	349202	20.00	ng/ul	0.04
86) Perylene-d12	24.95	264	370498m	20.00	ng/ul	0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	5563	3.70	ng/uL	0.01
5) Phenol-d5	7.18	99	123529	23.46	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	73049	24.12	ng/ul	0.01
9) 2-Chlorophenol-d4	7.55	132	100182	24.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.72	113	99872	23.77	ng/ul	0.01
19) Nitrobenzene-d5	9.18	128	48215	26.83	ng/ul	0.01
22) 2-Nitrophenol-d4	9.90	143	53793	25.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	102356	24.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.94	131	261881	74.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	279581	22.60	ng/ul	0.01
47) Acenaphthylene-d8	14.36	160	343195	23.45	ng/ul	0.02
52) 4-Nitrophenol-d4	14.87	143	65907	33.84	ng/ul	0.02
58) Fluorene-d10	15.65	176	242199	21.08	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.75	200	9288	4.74	ng/ul	0.00
71) Anthracene-d10	17.51	188	370514	26.92	ng/ul	0.02
79) Pyrene-d10	19.80	212	445447	22.36	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.73	264	501426m	24.62	ng/ul	0.10
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.02	107	11118	2.540	ng/ul#	52
28) Naphthalene	10.88	128	361850	30.038	ng/ul#	95
34) 2-Methylnaphthalene	12.49	142	1443775	167.987	ng/ul	100
41) 1,1'-Biphenyl	13.49	154	191822	16.158	ng/ul	94
45) Dimethylphthalate	14.10	163	64878	5.225	ng/ul#	79
48) Acenaphthylene	14.38	152	69670	5.088	ng/ul#	7
50) Acenaphthene	14.72	153	212040	21.403	ng/ul	93
54) Dibenzofuran	15.06	168	186859	12.960	ng/ul#	29
59) Fluorene	15.71	166	292158	24.687	ng/ul#	88
70) Phenanthrene	17.46	178	2295150	144.125	ng/ul#	89
72) Anthracene	17.55	178	255327	15.954	ng/ul#	89
75) Carbazole	17.82	167	29822	2.426	ng/ul#	1
77) Fluoranthene	19.47	202	407958	21.284	ng/ul	97
80) Pyrene	19.83	202	1580029	66.119	ng/ul	99
83) Benzo(a)anthracene	21.67	228	243655	10.300	ng/ul#	43
85) Chrysene	21.73	228	424455	18.649	ng/ul#	70
88) Benzo(b)fluoranthene	23.92	252	162725m	6.612	ng/ul	
89) Benzo(k)fluoranthene	23.97	252	44135m	1.851	ng/ul	
91) Benzo(a)pyrene	24.80	252	160736m	7.253	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.64	276	63661m	2.311	ng/ul	
94) Benzo(g,h,i)perylene	29.80	276	86339m	3.751	ng/ul	

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

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