Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047330.D
Acq On : 16 Nov 2020 14:55
Operator : CG/JU
Sample : L4762-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
11/17/2020 4:09:51 PM

Quant Time: Nov 16 15:34:10 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	55546	20.00	ng/ul	0.01
18) Naphthalene-d8	10.82	136	226788	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	142913	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.40	188	271111	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	283517	20.00	ng/ul	0.01
86) Perylene-d12	24.88	264	300579	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	3954	2.87	ng/uL	0.02
5) Phenol-d5	7.18	99	97932	20.31	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	55565	20.04	ng/ul	0.01
9) 2-Chlorophenol-d4	7.55	132	82453	21.99	ng/ul	0.01
13) 4-Methylphenol-d8	8.73	113	81945	21.30	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	40971	21.55	ng/ul	0.01
22) 2-Nitrophenol-d4	9.90	143	45253	20.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	90055	20.78	ng/ul	0.01
29) 4-Chloroaniline-d4	10.96	131	90849	24.59	ng/ul	0.01
44) Dimethylphthalate-d6	14.05	166	243013	20.68	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	308783	22.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	33261	17.98	ng/ul	0.02
58) Fluorene-d10	15.64	176	209309	19.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	778	0.42	ng/ul	0.02
71) Anthracene-d10	17.50	188	295321	22.47	ng/ul	0.01
79) Pyrene-d10	19.78	212	328225	20.30	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.67	264	357361	21.63	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.88	128	40768	3.200	ng/ul	95
34) 2-Methylnaphthalene	12.48	142	20342	2.238	ng/ul	100
45) Dimethylphthalate	14.10	163	107863	9.147	ng/ul#	96
50) Acenaphthene	14.72	153	72975	7.755	ng/ul	96
54) Dibenzofuran	15.05	168	55027	4.018	ng/ul	98
59) Fluorene	15.70	166	50838	4.523	ng/ul	96
70) Phenanthrene	17.45	178	649948	42.744	ng/ul	98
72) Anthracene	17.53	178	99002	6.479	ng/ul	97
75) Carbazole	17.80	167	71153	6.062	ng/ul	95
77) Fluoranthene	19.45	202	799662	43.694	ng/ul	98
80) Pyrene	19.81	202	630991	32.522	ng/ul#	95
83) Benzo(a)anthracene	21.65	228	346399	18.035	ng/ul	96
85) Chrysene	21.71	228	362243m	19.603	ng/ul	
88) Benzo(b)fluoranthene	23.87	252	475874	23.833	ng/ul#	95
89) Benzo(k)fluoranthene	23.93	252	163640m	8.458	ng/ul	
91) Benzo(a)pyrene	24.73	252	310396	17.264	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	28.54	276	196683	8.802	ng/ul	99
93) Dibenzo(a,h)anthracene	28.59	278	60848m	3.357	ng/ul	
94) Benzo(g,h,i)perylene	29.70	276	170435	9.126	ng/ul	95

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

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