Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC2

Manual Integrations APPROVED
mohammad
11/17/2020 4:09:53 PM

Quant Time: Nov 16 16:20:06 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	8.01	152	59440	20.00	ng/ul	0.01
18) Naphthalene-d8	10.83	136	215527	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	169090	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.43	188	307494	20.00	ng/ul	0.03
78) Chrysene-d12	21.71	240	372460	20.00	ng/ul	0.06
86) Perylene-d12	25.02	264	372377m	20.00	ng/ul	0.18
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	5195	3.53	ng/uL	0.01
5) Phenol-d5	7.18	99	120530	23.36	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	69206	23.32	ng/ul	0.02
9) 2-Chlorophenol-d4	7.54	132	99147	24.72	ng/ul	0.01
13) 4-Methylphenol-d8	8.73	113	92833	22.55	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	52261	28.93	ng/ul	0.01
22) 2-Nitrophenol-d4	9.91	143	49757	23.58	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.45	165	105652	25.66	ng/ul	0.02
29) 4-Chloroaniline-d4	10.95	131	410364	116.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	302190	21.74	ng/ul	0.02
47) Acenaphthylene-d8	14.37	160	342867	20.84	ng/ul	0.03
52) 4-Nitrophenol-d4	14.88	143	92882	42.44	ng/ul	0.04
58) Fluorene-d10	15.66	176	267471	20.72	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.76	200	18703	8.82	ng/ul	0.01
71) Anthracene-d10	17.53	188	391361	26.26	ng/ul	0.04
79) Pyrene-d10	19.81	212	469780	22.11	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.79	264	485008m	23.69	ng/ul	0.16
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.04	107	22740m	5.169	ng/ul	
28) Naphthalene	10.88	128	497980	41.128	ng/ul#	92
34) 2-Methylnaphthalene	12.50	142	2225157	257.586	ng/ul	98
41) 1,1'-Biphenyl	13.50	154	266946	20.010	ng/ul	94
45) Dimethylphthalate	14.11	163	127680	9.151	ng/ul#	72
48) Acenaphthylene	14.40	152	122773	7.979	ng/ul#	1
50) Acenaphthene	14.73	153	346408	31.115	ng/ul	91
54) Dibenzofuran	15.07	168	324073	20.002	ng/ul#	25
59) Fluorene	15.72	166	447835	33.675	ng/ul#	87
70) Phenanthrene	17.48	178	3369968	195.402	ng/ul#	80
72) Anthracene	17.56	178	408881	23.591	ng/ul#	83
75) Carbazole	17.83	167	43836	3.293	ng/ul#	1
77) Fluoranthene	19.48	202	491888	23.697	ng/ul#	96
80) Pyrene	19.85	202	2380967	93.414	ng/ul#	94
83) Benzo(a)anthracene	21.69	228	340552	13.497	ng/ul#	32
85) Chrysene	21.76	228	731445	30.131	ng/ul#	67
88) Benzo(b)fluoranthene	23.97	252	204854m	8.282	ng/ul	
89) Benzo(k)fluoranthene	24.03	252	35868m	1.496	ng/ul	
91) Benzo(a)pyrene	24.87	252	203653m	9.143	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.77	276	52216m	1.886	ng/ul	
94) Benzo(g,h,i)perylene	29.92	276	85316m	3.688	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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