Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047329.D
Acq On : 16 Nov 2020 14:14
Operator : CG/JU
Sample : L4762-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB8

Manual Integrations APPROVED
mohammad
11/17/2020 4:09:47 PM

Quant Time: Nov 16 15:00:05 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	63909	20.00	ng/ul	0.01
18) Naphthalene-d8	10.82	136	230244	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	149760	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	292895	20.00	ng/ul	0.02
78) Chrysene-d12	21.69	240	356820	20.00	ng/ul	0.03
86) Perylene-d12	24.96	264	388986m	20.00	ng/ul	0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	7265	4.59	ng/uL	0.01
5) Phenol-d5	7.17	99	171005	30.83	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	98635	30.92	ng/ul	0.01
9) 2-Chlorophenol-d4	7.55	132	139417	32.32	ng/ul	0.01
13) 4-Methylphenol-d8	8.72	113	138625	31.32	ng/ul	0.01
19) Nitrobenzene-d5	9.18	128	68697	35.60	ng/ul	0.01
22) 2-Nitrophenol-d4	9.90	143	79198	35.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	147746	33.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	64765	17.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	377511	30.66	ng/ul	0.01
47) Acenaphthylene-d8	14.35	160	470365	32.29	ng/ul	0.01
52) 4-Nitrophenol-d4	14.87	143	61672	31.82	ng/ul	0.02
58) Fluorene-d10	15.65	176	333987	29.21	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.78	200	3097	1.53	ng/ul	0.03
71) Anthracene-d10	17.51	188	502356	35.39	ng/ul	0.02
79) Pyrene-d10	19.80	212	595768	29.27	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.74	264	685509m	32.06	ng/ul	0.11
Target Compounds						Qvalue
6) Phenol	7.20	94	5588	1.032	ng/ul#	67
28) Naphthalene	10.88	128	110159	8.516	ng/ul#	97
34) 2-Methylnaphthalene	12.48	142	333893	36.181	ng/ul	98
41) 1,1'-Biphenyl	13.49	154	50991	4.316	ng/ul	92
45) Dimethylphthalate	14.10	163	84760	6.859	ng/ul#	87
48) Acenaphthylene	14.38	152	14987	1.100	ng/ul#	1
50) Acenaphthene	14.72	153	52059m	5.280	ng/ul	
54) Dibenzofuran	15.05	168	76039m	5.299	ng/ul	
59) Fluorene	15.71	166	30118	2.557	ng/ul#	86
70) Phenanthrene	17.45	178	687294	41.838	ng/ul#	96
72) Anthracene	17.54	178	62440	3.782	ng/ul#	72
77) Fluoranthene	19.46	202	186512	9.433	ng/ul#	96
80) Pyrene	19.82	202	705783	28.904	ng/ul	99
83) Benzo(a)anthracene	21.67	228	115669	4.785	ng/ul#	26
84) Bis(2-ethylhexyl)phthalate	21.56	149	54068	4.346	ng/ul#	42
85) Chrysene	21.73	228	158714	6.825	ng/ul#	69
88) Benzo(b)fluoranthene	23.92	252	141688m	5.483	ng/ul	
91) Benzo(a)pyrene	24.81	252	66182m	2.844	ng/ul	
94) Benzo(g,h,i)perylene	29.82	276	58134m	2.405	ng/ul	

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

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