Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046933.D
Acq On : 16 Oct 2020 16:45
Operator : CG/JU
Sample : L4201-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 16 17:23:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 02:00:57 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AK8

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	57279	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	240767	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	168702	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	347838	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	316115	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	329331	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	3184	2.47	ng/uL	0.00
5) Phenol-d5	7.23	99	73066	14.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	55647	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	63015	16.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	48364	11.99	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	36584	17.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	34991	14.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	69459	15.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	27550	5.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	240505	17.16	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	286203	17.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	13949	5.77	ng/ul	0.00
58) Fluorene-d10	15.70	176	217297	16.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	3285	1.37	ng/ul	0.01
71) Anthracene-d10	17.55	188	298357	17.71	ng/ul	0.00
79) Pyrene-d10	19.84	212	311142	17.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	297043	16.01	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	14.16	163	51262	3.528	ng/ul#	96
48) Acenaphthylene	14.44	152	20079	1.244	ng/ul#	91
50) Acenaphthene	14.77	153	26779	2.365	ng/ul	96
54) Dibenzofuran	15.11	168	33292	1.979	ng/ul	95
59) Fluorene	15.75	166	44460	3.220	ng/ul	92
70) Phenanthrene	17.50	178	883963	44.412	ng/ul	98
72) Anthracene	17.59	178	273512	13.604	ng/ul	98
75) Carbazole	17.85	167	18383	1.139	ng/ul#	92
77) Fluoranthene	19.51	202	1982817	81.582	ng/ul#	97
80) Pyrene	19.87	202	1680883	78.570	ng/ul	99
83) Benzo(a)anthracene	21.71	228	1121889	51.421	ng/ul	96
85) Chrysene	21.78	228	922655	43.830	ng/ul	95
88) Benzo(b)fluoranthene	23.96	252	1277345	55.914	ng/ul	98
89) Benzo(k)fluoranthene	24.01	252	412056m	18.704	ng/ul	
91) Benzo(a)pyrene	24.84	252	867961	42.262	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.72	276	620770	24.673	ng/ul	99
93) Dibenzo(a,h)anthracene	28.75	278	184058	8.821	ng/ul	95
94) Benzo(g,h,i)perylene	29.87	276	488560m	23.133	ng/ul	

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

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