Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101520\
Data File : BG046921.D
Acq On : 15 Oct 2020 20:29
Operator : CG/JU
Sample : SSTD16027
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16027

Manual Integrations APPROVED
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Quant Time: Oct 16 01:55:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 19:04:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	71773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	300511	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	216448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	502080	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	514059	20.00	ng/ul	0.01
86) Perylene-d12	24.99	264	500542	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.25	99	983199	160.07	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	554341	147.92	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.80	113	809746	168.55	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	11.04	131	913002	142.85	ng/ul	0.02
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.93	143	469709	166.59	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.84	200	582138	232.04	ng/ul	0.03
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.22	77	542193m	125.145	ng/ul	
6) Phenol	7.28	94	1012288	157.311	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.51	93	758190	152.998	ng/ul	98
11) 2-Methylphenol	8.53	108	794172	167.401	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.61	45	1084574	139.100	ng/ul	95
14) Acetophenone	8.92	105	1243771	159.705	ng/ul	99
16) 4-Methylphenol	8.88	108	836770	165.363	ng/ul	99
30) 4-Chloroaniline	11.06	127	871687	140.091	ng/ul	99
32) Caprolactam	11.88	113	289642m	160.356	ng/ul	
38) Hexachlorocyclopentadiene	12.89	237	911765	177.931	ng/ul#	94
49) 3-Nitroaniline	14.63	138	450104	152.568	ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	433664	243.775	ng/ul	96
53) 4-Nitrophenol	14.95	109	484866	173.574	ng/ul	96
61) 4-Nitroaniline	15.81	138	500100	154.174	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	609478	221.262	ng/ul	94
68) Atrazine	16.92	200	932864	155.819	ng/ul	95
69) Pentachlorophenol	17.11	266	726733	183.934	ng/ul	95
75) Carbazole	17.87	167	3005634	135.600	ng/ul#	89
77) Fluoranthene	19.51	202	3982368	122.183	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.63	252	1555482	129.382	ng/ul	93
87) Di-n-octyl phthalate	22.84	149	3889636	142.279	ng/ul	100

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

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