Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092820\
Data File : BG046719.D
Acq On : 28 Sep 2020 14:02
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD160066

Manual Integrations APPROVED
mohammad
9/29/2020 3:26:24 PM

Quant Time: Sep 28 14:48:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 12:38:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	69005	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	270425	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	181476	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	423297	20.00	ng/ul	0.00
78) Chrysene-d12	21.78	240	424064	20.00	ng/ul	0.02
86) Perylene-d12	25.06	264	427809	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.27	99	903402	147.03	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.45	67	546560	129.28	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.83	113	721563	142.34	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	11.06	131	752148	153.63	ng/ul	0.00
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	14.94	143	386309	152.08	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.86	200	384720	141.45	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	7.25	77	567113	162.240	ng/ul	95
6) Phenol	7.30	94	938635	146.183	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.54	93	721803	140.505	ng/ul	98
11) 2-Methylphenol	8.56	108	721405	148.711	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.65	45	1113434	91.290	ng/ul	97
14) Acetophenone	8.95	105	1126391	140.895	ng/ul	99
16) 4-Methylphenol	8.90	108	743966	138.709	ng/ul	90
30) 4-Chloroaniline	11.09	127	716361	146.885	ng/ul	99
32) Caprolactam	11.90	113	252508m	168.340	ng/ul	
38) Hexachlorocyclopentadiene	12.93	237	732145	223.700	ng/ul#	86
49) 3-Nitroaniline	14.65	138	343833	140.125	ng/ul	88
51) 2,4-Dinitrophenol	14.85	184	267607	154.579	ng/ul#	90
53) 4-Nitrophenol	14.96	109	385427	176.577	ng/ul	91
61) 4-Nitroaniline	15.82	138	394482	140.993	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.87	198	418221	146.258	ng/ul#	87
68) Atrazine	16.95	200	764843	162.584	ng/ul	99
69) Pentachlorophenol	17.14	266	560810	191.707	ng/ul#	90
75) Carbazole	17.89	167	2621303	130.250	ng/ul#	92
82) 3,3'-Dichlorobenzidine	21.67	252	1300165	144.577	ng/ul	95
87) Di-n-octyl phthalate	22.91	149	3497849	109.570	ng/ul	100

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

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