Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047622.D
Acq On : 7 Dec 2020 17:45
Operator : CG/JU
Sample : SSTD16030
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16030

Manual Integrations APPROVED
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Quant Time: Dec 07 18:28:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 16:26:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27424	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	106002	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	79297	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	200671	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	184833	20.00	ng/ul	0.00
86) Perylene-d12	25.23	264	199062	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	7.37	99	370788	134.82	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.53	67	188269	120.02	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.93	113	289982	137.21	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	11.18	131	290636	131.38	ng/ul	0.01
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	15.04	143	157378	151.53	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.95	200	228662	200.19	ng/ul	0.02
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	7.34	77	162241	99.872	ng/ul	95
6) Phenol	7.39	94	348348	132.204	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.63	93	234485	120.556	ng/ul	90
11) 2-Methylphenol	8.66	108	273908	133.812	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.75	45	218869	106.983	ng/ul#	84
14) Acetophenone	9.05	105	446598	137.195	ng/ul	92
16) 4-Methylphenol	9.00	108	291738	135.798	ng/ul	82
30) 4-Chloroaniline	11.20	127	276274	131.044	ng/ul	97
32) Caprolactam	12.00	113	97103m	137.178	ng/ul	
38) Hexachlorocyclopentadiene	13.03	237	372531	171.812	ng/ul	94
49) 3-Nitroaniline	14.74	138	148865	143.370	ng/ul#	93
51) 2,4-Dinitrophenol	14.95	184	159417	224.986	ng/ul	93
53) 4-Nitrophenol	15.05	109	264054	175.605	ng/ul	99
61) 4-Nitroaniline	15.91	138	165962	136.509	ng/ul#	74
64) 4,6-Dinitro-2-methylphenol	15.96	198	232380	194.410	ng/ul#	94
68) Atrazine	17.03	200	382937	151.890	ng/ul	99
69) Pentachlorophenol	17.22	266	256542	164.471	ng/ul	97
75) Carbazole	17.98	167	1267449	143.973	ng/ul#	92
77) Fluoranthene	19.61	202	1960408	143.244	ng/ul#	98
82) 3,3'-Dichlorobenzidine	21.75	252	605031	140.219	ng/ul	99
87) Di-n-octyl phthalate	22.98	149	1561068	141.592	ng/ul	100

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

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