Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047022.D
Acq On : 21 Oct 2020 22:36
Operator : CG/JU
Sample : SSTD16028
Misc : GCMS CONFIRMATION
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16028

Manual Integrations APPROVED
mohammad
10/26/2020 10:32:18 AM

Quant Time: Oct 22 05:41:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:01:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	188441	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	134189	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	316851	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	315548	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	325643	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	7.23	99	663395	161.23	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.39	67	369473	153.68	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.78	113	540561	163.08	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	11.01	131	561261	136.23	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	14.91	143	292986	152.48	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.82	200	378732	173.56	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	7.20	77	575089m	238.145	ng/ul	
6) Phenol	7.26	94	642807	147.826	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	495818	150.458	ng/ul	95
11) 2-Methylphenol	8.51	108	503802	155.517	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.59	45	713599	151.395	ng/ul	97
14) Acetophenone	8.90	105	789136	148.419	ng/ul	94
16) 4-Methylphenol	8.85	108	520642	151.416	ng/ul	88
30) 4-Chloroaniline	11.03	127	529490	134.292	ng/ul	95
32) Caprolactam	11.83	113	185814m	154.025	ng/ul	
38) Hexachlorocyclopentadiene	12.87	237	548848	157.936	ng/ul	99
49) 3-Nitroaniline	14.61	138	273457	139.656	ng/ul	99
51) 2,4-Dinitrophenol	14.81	184	260773	174.883	ng/ul	94
53) 4-Nitrophenol	14.92	109	296978	147.281	ng/ul	99
61) 4-Nitroaniline	15.78	138	312508	143.054	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.83	198	387840	165.272	ng/ul#	90
68) Atrazine	16.90	200	611045	148.776	ng/ul	96
69) Pentachlorophenol	17.09	266	450848	165.003	ng/ul	98
75) Carbazole	17.84	167	2052115	139.539	ng/ul	94
77) Fluoranthene	19.49	202	2930913	132.384	ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.60	252	950584	128.782	ng/ul	93
87) Di-n-octyl phthalate	22.81	149	2700709	144.295	ng/ul	100

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

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