Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044138.D
Acq On : 21 Jan 2020 17:59
Operator : JU
Sample : L1211-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-15-30MSD

Manual Integrations APPROVED
mohammad
1/23/2020 7:58:21 AM

Quant Time: Jan 22 07:13:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	88274	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	388049	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	258021	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	537785	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	449227	20.00	ng		-0.03
87) Perylene-d12	24.66	264	515396	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	759657	158.01	ng		-0.03
7) Phenol-d6	7.11	99	1014052	150.90	ng		-0.02
23) Nitrobenzene-d5	9.09	82	611723	84.33	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	390019	144.44	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1329183	93.33	ng		-0.03
79) Terphenyl-d14	19.93	244	1855610	106.01	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	86476	41.253	ng		98
3) Pyridine	3.79	79	220969	35.683	ng		96
4) n-Nitrosodimethylamine	3.70	42	117942	42.778	ng		98
6) Aniline	7.25	93	217723	24.666	ng		99
8) 2-Chlorophenol	7.49	128	298144	52.824	ng		98
9) Benzaldehyde	7.06	77	147467	34.286	ng		98
10) Phenol	7.13	94	378660	54.688	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	266356	44.565	ng		99
12) 1,3-Dichlorobenzene	7.82	146	291741	44.172	ng		98
13) 1,4-Dichlorobenzene	7.97	146	295571	45.356	ng		99
14) 1,2-Dichlorobenzene	8.29	146	279365	44.662	ng		99
15) Benzyl Alcohol	8.16	79	248006	46.761	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	365211	39.496	ng		98
17) 2-Methylphenol	8.38	107	255055	50.903	ng		99
18) Hexachloroethane	9.02	117	110993	43.771	ng		94
19) n-Nitroso-di-n-propylamine	8.73	70	214655	42.891	ng		97
20) 3+4-Methylphenols	8.71	107	353717	50.604	ng		96
22) Acetophenone	8.75	105	402164	41.687	ng	#	98
24) Nitrobenzene	9.13	77	308975	43.007	ng		99
25) Isophorone	9.66	82	592289	43.522	ng		99
26) 2-Nitrophenol	9.84	139	167341	49.232	ng		98
27) 2,4-Dimethylphenol	9.91	122	283798	55.467	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	375929	41.435	ng		98
29) 2,4-Dichlorophenol	10.39	162	297957	48.820	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	290017	42.381	ng		99
31) Naphthalene	10.78	128	862289	45.920	ng		99
32) Benzoic acid	10.07	122	146802	36.898	ng		93
33) 4-Chloroaniline	10.89	127	118261	13.204	ng		97
34) Hexachlorobutadiene	11.08	225	169566	40.584	ng		98
35) Caprolactam	11.66	113	114606m	50.442	ng		
36) 4-Chloro-3-methylphenol	12.02	107	323803	49.837	ng		98
37) 2-Methylnaphthalene	12.39	142	656443	46.433	ng		97
38) 1-Methylnaphthalene	12.61	142	625586	46.689	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	310364	41.039	ng		98

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Quant Time: Jan 22 07:13:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	388795	99.164 ng	98
43) 2,4,6-Trichlorophenol	13.00	196	241931	46.492 ng	100
44) 2,4,5-Trichlorophenol	13.08	196	258976	48.254 ng	99
46) 1,1'-Biphenyl	13.40	154	830077	44.870 ng	99
47) 2-Chloronaphthalene	13.44	162	646911	43.275 ng	99
48) 2-Nitroaniline	13.64	65	204836	42.597 ng	97
49) Acenaphthylene	14.29	152	1037536	48.289 ng	98
50) Dimethylphthalate	14.02	163	919536	50.192 ng	99
51) 2,6-Dinitrotoluene	14.13	165	194225	46.904 ng	97
52) Acenaphthene	14.63	154	643854	42.730 ng	97
53) 3-Nitroaniline	14.46	138	110198	23.435 ng	97
54) 2,4-Dinitrophenol	14.67	184	165260	78.452 ng	97
55) Dibenzofuran	14.97	168	986941	47.580 ng	98
56) 4-Nitrophenol	14.79	139	347805	96.521 ng	98
57) 2,4-Dinitrotoluene	14.93	165	266650	47.325 ng	99
58) Fluorene	15.61	166	778421	47.347 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	223932	48.523 ng	97
60) Diethylphthalate	15.39	149	854829	46.651 ng	99
61) 4-Chlorophenyl-phenylether	15.61	204	405289	45.399 ng	97
62) 4-Nitroaniline	15.63	138	188846	40.668 ng	96
63) Azobenzene	15.90	77	788549	46.403 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	146691	52.490 ng	99
66) n-Nitrosodiphenylamine	15.82	169	727852	45.959 ng	100
67) 4-Bromophenyl-phenylether	16.50	248	265594	43.911 ng	98
68) Hexachlorobenzene	16.63	284	283656	43.523 ng	96
69) Atrazine	16.77	200	270443	52.535 ng	99
70) Pentachlorophenol	16.97	266	304534	84.764 ng	99
71) Phenanthrene	17.35	178	1202565	46.620 ng	98
72) Anthracene	17.44	178	1230398	48.265 ng	98
73) Carbazole	17.71	167	1103494	46.861 ng	97
74) Di-n-butylphthalate	18.28	149	1361356	45.280 ng	97
75) Fluoranthene	19.36	202	1366457	46.320 ng	97
77) Benzidine	19.54	184	430000	38.081 ng	97
78) Pyrene	19.72	202	1368563	46.672 ng	97
80) Butylbenzylphthalate	20.61	149	643666	46.107 ng	96
81) Benzo(a)anthracene	21.54	228	1306096	46.889 ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	275577	25.041 ng	100
83) Chrysene	21.60	228	1240309	46.861 ng	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	898905	46.666 ng	97
85) Di-n-octyl phthalate	22.64	149	1569276	48.459 ng	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1626435	45.216 ng	100
88) Benzo(b)fluoranthene	23.68	252	1381439	45.339 ng	99
89) Benzo(k)fluoranthene	23.75	252	1341425	46.298 ng	98
90) Benzo(a)pyrene	24.52	252	1281394	44.559 ng	97
91) Dibenzo(a,h)anthracene	28.25	278	1334741	46.215 ng	97
92) Benzo(g,h,i)perylene	29.29	276	1357192	47.309 ng	97

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

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