Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044200.D
Acq On : 25 Jan 2020 3:47
Operator : CG/JU
Sample : L1007-10MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMS

Manual Integrations APPROVED
mohammad
1/28/2020 8:11:44 AM

Quant Time: Jan 27 04:20:02 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	89462	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	377878	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	249339	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	517743	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	433048	20.00	ng	-0.03
87) Perylene-d12	24.66	264	503192	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	726649	149.14	ng	-0.03
7) Phenol-d6	7.10	99	884709	129.90	ng	-0.02
23) Nitrobenzene-d5	9.09	82	650195	92.05	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	386028	147.94	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1398009	101.58	ng	-0.03
79) Terphenyl-d14	19.92	244	1938917	119.32	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	91574	43.105	ng	# 37
3) Pyridine	3.81	79	196598	31.326	ng	93
4) n-Nitrosodimethylamine	3.71	42	124324	44.494	ng	# 97
6) Aniline	7.26	93	353397	39.505	ng	99
8) 2-Chlorophenol	7.50	128	309218	54.059	ng	99
9) Benzaldehyde	7.06	77	144771	33.212	ng	98
10) Phenol	7.13	94	334893	47.725	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	283141	46.745	ng	98
12) 1,3-Dichlorobenzene	7.82	146	290856	43.453	ng	99
13) 1,4-Dichlorobenzene	7.97	146	296419	44.882	ng	100
14) 1,2-Dichlorobenzene	8.28	146	279662	44.116	ng	97
15) Benzyl Alcohol	8.17	79	260106	48.391	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	386731	41.268	ng	99
17) 2-Methylphenol	8.38	107	258502	50.906	ng	97
18) Hexachloroethane	9.01	117	107786	41.942	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	233387	46.015	ng	99
20) 3+4-Methylphenols	8.71	107	354463	50.037	ng	96
22) Acetophenone	8.75	105	429570	45.726	ng	99
24) Nitrobenzene	9.13	77	328148	46.905	ng	99
25) Isophorone	9.65	82	644792	48.655	ng	99
26) 2-Nitrophenol	9.84	139	174310	52.663	ng	99
27) 2,4-Dimethylphenol	9.91	122	295203	59.249	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	401827	45.481	ng	99
29) 2,4-Dichlorophenol	10.38	162	307330	51.711	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	294682	44.221	ng	98
31) Naphthalene	10.78	128	890507	48.699	ng	99
32) Benzoic acid	10.05	122	106740	29.137	ng	91
33) 4-Chloroaniline	10.89	127	298847	34.264	ng	99
34) Hexachlorobutadiene	11.07	225	167947	41.279	ng	99
35) Caprolactam	11.66	113	87798m	39.683	ng	
36) 4-Chloro-3-methylphenol	12.02	107	334320	52.841	ng	98
37) 2-Methylnaphthalene	12.39	142	681971	49.537	ng	97
38) 1-Methylnaphthalene	12.61	142	647967	49.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	319496	43.718	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	386921	102.122	ng		97
43) 2,4,6-Trichlorophenol	13.00	196	242917	48.307	ng		99
44) 2,4,5-Trichlorophenol	13.08	196	266722	51.427	ng		99
46) 1,1'-Biphenyl	13.40	154	857980	47.993	ng		99
47) 2-Chloronaphthalene	13.44	162	666948	46.169	ng		98
48) 2-Nitroaniline	13.64	65	214387	46.136	ng		98
49) Acenaphthylene	14.29	152	1067729	51.424	ng		99
50) Dimethylphthalate	14.02	163	933854	52.748	ng		98
51) 2,6-Dinitrotoluene	14.14	165	199495	49.855	ng		97
52) Acenaphthene	14.63	154	666712	45.788	ng		99
53) 3-Nitroaniline	14.46	138	181435	39.928	ng		98
54) 2,4-Dinitrophenol	14.67	184	177317	86.502	ng		97
55) Dibenzofuran	14.96	168	1025400	51.156	ng		99
56) 4-Nitrophenol	14.79	139	322656	92.660	ng		95
57) 2,4-Dinitrotoluene	14.92	165	276985	50.871	ng		96
58) Fluorene	15.62	166	795785	50.089	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	228619	51.263	ng		97
60) Diethylphthalate	15.39	149	878273	49.599	ng		99
61) 4-Chlorophenyl-phenylether	15.60	204	416922	48.328	ng		99
62) 4-Nitroaniline	15.63	138	207403	46.219	ng		94
63) Azobenzene	15.90	77	820534	49.966	ng		99
65) 4,6-Dinitro-2-methylphenol	15.69	198	149562	55.329	ng		96
66) n-Nitrosodiphenylamine	15.82	169	752078	49.327	ng		100
67) 4-Bromophenyl-phenylether	16.50	248	270289	46.417	ng		97
68) Hexachlorobenzene	16.62	284	291029	46.383	ng		98
69) Atrazine	16.77	200	271140	54.709	ng		99
70) Pentachlorophenol	16.97	266	320616	92.695	ng		100
71) Phenanthrene	17.35	178	1246460	50.193	ng		98
72) Anthracene	17.44	178	1287053	52.441	ng		98
73) Carbazole	17.71	167	1155551	50.972	ng		97
74) Di-n-butylphthalate	18.28	149	1426218	49.274	ng		98
75) Fluoranthene	19.36	202	1422801	50.097	ng		98
77) Benzidine	19.54	184	634593	58.300	ng		97
78) Pyrene	19.72	202	1430568	50.610	ng		98
80) Butylbenzylphthalate	20.61	149	675122	50.167	ng		99
81) Benzo(a)anthracene	21.54	228	1373495	51.150	ng		97
82) 3,3'-Dichlorobenzidine	21.46	252	461368	43.490	ng		99
83) Chrysene	21.60	228	1303634	51.093	ng		97
84) Bis(2-ethylhexyl)phthalate	21.46	149	938410	50.537	ng		99
85) Di-n-octyl phthalate	22.64	149	1638931	52.501	ng		98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1705769	49.194	ng	#	90
88) Benzo(b)fluoranthene	23.68	252	1471876	49.479	ng		99
89) Benzo(k)fluoranthene	23.75	252	1382230	48.863	ng		98
90) Benzo(a)pyrene	24.52	252	1346253	47.950	ng		99
91) Dibenzo(a,h)anthracene	28.25	278	1401259	49.695	ng		99
92) Benzo(g,h,i)perylene	29.28	276	1437236	51.314	ng		98

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

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