Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044941.D
Acq On : 24 Mar 2020 22:05
Operator : CG/JU
Sample : PB127786BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Manual Integrations APPROVED
mohammad
3/25/2020 12:27:47 PM

Quant Time: Mar 25 06:38:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82231	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	320433	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	214470	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	484268	20.00	ng		0.00
76) Chrysene-d12	21.69	240	461723	20.00	ng		-0.01
87) Perylene-d12	24.89	264	517371	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	743189	140.69	ng		0.00
7) Phenol-d6	7.20	99	1007481	131.27	ng		0.00
23) Nitrobenzene-d5	9.20	82	641549	87.86	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	424424	151.14	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1367354	91.30	ng		0.00
79) Terphenyl-d14	20.03	244	2216180	89.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	91027	35.784	ng		96
3) Pyridine	3.91	79	262385	34.843	ng		96
4) n-Nitrosodimethylamine	3.82	42	127724	44.702	ng	#	100
6) Aniline	7.36	93	348535	36.495	ng		94
8) 2-Chlorophenol	7.61	128	276687	52.470	ng		97
9) Benzaldehyde	7.17	77	210533	47.449	ng		93
10) Phenol	7.23	94	365255	48.070	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	254371	41.946	ng		96
12) 1,3-Dichlorobenzene	7.93	146	288811	44.461	ng		99
13) 1,4-Dichlorobenzene	8.08	146	289581	45.092	ng		98
14) 1,2-Dichlorobenzene	8.40	146	272835	44.796	ng		97
15) Benzyl Alcohol	8.28	79	273543	44.421	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	384033	35.885	ng		97
17) 2-Methylphenol	8.48	107	247660	48.117	ng		96
18) Hexachloroethane	9.13	117	111225	43.992	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	220275	40.646	ng		98
20) 3+4-Methylphenols	8.81	107	338801	47.751	ng		96
22) Acetophenone	8.86	105	403583	44.458	ng		99
24) Nitrobenzene	9.24	77	338711	44.703	ng		99
25) Isophorone	9.77	82	612006	42.942	ng	#	97
26) 2-Nitrophenol	9.96	139	146789	54.907	ng		97
27) 2,4-Dimethylphenol	10.02	122	247729	53.377	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	351667	41.347	ng		99
29) 2,4-Dichlorophenol	10.49	162	273644	50.479	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	298565	46.061	ng		97
31) Naphthalene	10.90	128	803969	45.293	ng		99
32) Benzoic acid	10.16	122	143783	41.426	ng		96
33) 4-Chloroaniline	11.00	127	181705	22.721	ng		99
34) Hexachlorobutadiene	11.20	225	193567	45.411	ng		99
35) Caprolactam	11.77	113	96472m	47.003	ng		
36) 4-Chloro-3-methylphenol	12.13	107	308739	47.753	ng		97
37) 2-Methylnaphthalene	12.50	142	606765	45.697	ng		96
38) 1-Methylnaphthalene	12.72	142	579414	46.416	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	319231	45.197	ng		98

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Quant Time: Mar 25 06:38:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	451833	117.054	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	239223	51.035	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	252320	51.905	ng		96
46) 1,1'-Biphenyl	13.51	154	761441	44.428	ng		97
47) 2-Chloronaphthalene	13.55	162	588892	44.979	ng		98
48) 2-Nitroaniline	13.74	65	212311	46.319	ng		97
49) Acenaphthylene	14.39	152	948221	46.229	ng		98
50) Dimethylphthalate	14.13	163	774027	45.314	ng		98
51) 2,6-Dinitrotoluene	14.24	165	178361	51.802	ng		96
52) Acenaphthene	14.74	154	699999	52.110	ng		100
53) 3-Nitroaniline	14.57	138	118849	30.024	ng		98
54) 2,4-Dinitrophenol	14.78	184	191137	103.505	ng		97
55) Dibenzofuran	15.08	168	917338	47.092	ng		98
56) 4-Nitrophenol	14.88	139	302019	99.970	ng		97
57) 2,4-Dinitrotoluene	15.03	165	248877	52.704	ng		100
58) Fluorene	15.72	166	758465	47.332	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	235985	52.728	ng		95
60) Diethylphthalate	15.49	149	791689	44.437	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	407223	47.196	ng		99
62) 4-Nitroaniline	15.73	138	180809	42.835	ng		94
63) Azobenzene	16.01	77	792281	42.824	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	146945	61.828	ng		94
66) n-Nitrosodiphenylamine	15.93	169	677794	46.489	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	287619	47.509	ng		100
68) Hexachlorobenzene	16.73	284	309065	47.056	ng		99
69) Atrazine	16.88	200	277676	51.983	ng		98
70) Pentachlorophenol	17.07	266	375411	103.883	ng		98
71) Phenanthrene	17.46	178	1206661	46.628	ng		99
72) Anthracene	17.55	178	1231633	48.266	ng		98
73) Carbazole	17.82	167	1160983	47.365	ng		98
74) Di-n-butylphthalate	18.38	149	1369163	45.950	ng		99
75) Fluoranthene	19.47	202	1505412	48.857	ng		99
77) Benzidine	19.64	184	760681	50.748	ng		100
78) Pyrene	19.83	202	1487298	43.905	ng		99
80) Butylbenzylphthalate	20.72	149	640134	42.476	ng		100
81) Benzo(a)anthracene	21.67	228	1467321	44.133	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	403793	31.394	ng		100
83) Chrysene	21.74	228	1409727	44.389	ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	885788	42.588	ng		99
85) Di-n-octyl phthalate	22.80	149	1511477	43.427	ng		98
86) Indeno(1,2,3-cd)pyrene	28.53	276	1911085	45.899	ng	#	97
88) Benzo(b)fluoranthene	23.88	252	1623898	47.544	ng		99
89) Benzo(k)fluoranthene	23.95	252	1540696	47.666	ng		98
90) Benzo(a)pyrene	24.75	252	1499163	46.908	ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1541114	48.878	ng		98
92) Benzo(g,h,i)perylene	29.68	276	1551228	48.696	ng		97

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

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