Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044829.D
Acq On : 17 Mar 2020 11:55
Operator : CG/JU
Sample : PB127438BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127438BS

Manual Integrations APPROVED
mohammad
3/18/2020 4:00:01 PM

Quant Time: Mar 17 17:06:15 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 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	81156	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	311832	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	226868	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	536591	20.00	ng		0.00
76) Chrysene-d12	21.70	240	447192	20.00	ng		0.00
87) Perylene-d12	24.90	264	493848	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	578328	110.93	ng		0.00
7) Phenol-d6	7.21	99	808285	106.71	ng		0.00
23) Nitrobenzene-d5	9.20	82	459743	64.70	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	360425	121.34	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	995039	62.81	ng		0.00
79) Terphenyl-d14	20.04	244	1606396	67.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	89519	35.658	ng		97
3) Pyridine	3.91	79	218039	29.338	ng		97
4) n-Nitrosodimethylamine	3.82	42	105028	37.246	ng	#	91
6) Aniline	7.37	93	258774	27.455	ng		96
8) 2-Chlorophenol	7.62	128	208973	40.154	ng		97
9) Benzaldehyde	7.18	77	111046	20.666	ng		98
10) Phenol	7.24	94	297490	39.670	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	217679	36.371	ng		95
12) 1,3-Dichlorobenzene	7.94	146	243736	38.019	ng		98
13) 1,4-Dichlorobenzene	8.09	146	242669	38.288	ng		98
14) 1,2-Dichlorobenzene	8.41	146	222547	37.023	ng		98
15) Benzyl Alcohol	8.28	79	223793	36.823	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	320009	30.299	ng		98
17) 2-Methylphenol	8.49	107	199101	39.195	ng		96
18) Hexachloroethane	9.14	117	94921	38.041	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	184930	34.576	ng	#	95
20) 3+4-Methylphenols	8.82	107	277903	39.687	ng		98
22) Acetophenone	8.87	105	334041	37.812	ng	#	98
24) Nitrobenzene	9.25	77	276115	37.447	ng		94
25) Isophorone	9.78	82	517298	37.298	ng		99
26) 2-Nitrophenol	9.96	139	119248	46.747	ng		94
27) 2,4-Dimethylphenol	10.02	122	208512	46.166	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	303823	36.707	ng		99
29) 2,4-Dichlorophenol	10.50	162	226165	42.871	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	236265	37.455	ng		98
31) Naphthalene	10.91	128	660369	38.229	ng		100
32) Benzoic acid	10.14	122	133473	39.962	ng		97
33) 4-Chloroaniline	11.01	127	165336	21.244	ng		95
34) Hexachlorobutadiene	11.21	225	153878	37.095	ng		99
35) Caprolactam	11.77	113	88255m	44.186	ng		
36) 4-Chloro-3-methylphenol	12.13	107	265603	42.214	ng		97
37) 2-Methylnaphthalene	12.51	142	499591	38.663	ng		95
38) 1-Methylnaphthalene	12.73	142	464878	38.268	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	259202	34.692	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.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	12.87	237	368452	90.236	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	203355	41.012	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	213437	41.507	ng		96
46) 1,1'-Biphenyl	13.52	154	625035	34.476	ng		98
47) 2-Chloronaphthalene	13.56	162	483094	34.882	ng		98
48) 2-Nitroaniline	13.75	65	184939	38.143	ng		96
49) Acenaphthylene	14.40	152	815230	37.573	ng		98
50) Dimethylphthalate	14.13	163	679763	37.620	ng		99
51) 2,6-Dinitrotoluene	14.25	165	149760	41.119	ng		95
52) Acenaphthene	14.74	154	592167	41.674	ng		98
53) 3-Nitroaniline	14.57	138	105737	25.251	ng		99
54) 2,4-Dinitrophenol	14.78	184	175687	91.030	ng		93
55) Dibenzofuran	15.08	168	777683	37.741	ng		99
56) 4-Nitrophenol	14.88	139	285606	89.371	ng		95
57) 2,4-Dinitrotoluene	15.03	165	215432	43.128	ng		99
58) Fluorene	15.73	166	643109	37.940	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	209243m	44.198	ng		
60) Diethylphthalate	15.50	149	715924	37.988	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	352297	38.599	ng		98
62) 4-Nitroaniline	15.74	138	158674	35.537	ng		95
63) Azobenzene	16.01	77	702624	35.902	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	131193	51.319	ng		96
66) n-Nitrosodiphenylamine	15.93	169	594159	36.778	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	243021	36.228	ng		95
68) Hexachlorobenzene	16.74	284	262777	36.108	ng		99
69) Atrazine	16.88	200	257835	43.562	ng		98
70) Pentachlorophenol	17.08	266	334621	83.566	ng		98
71) Phenanthrene	17.47	178	1063741	37.097	ng		98
72) Anthracene	17.56	178	1090113	38.554	ng		99
73) Carbazole	17.82	167	1018256	37.491	ng		99
74) Di-n-butylphthalate	18.39	149	1220822	36.977	ng		100
75) Fluoranthene	19.47	202	1281250	37.527	ng		99
77) Benzidine	19.65	184	463410	31.921	ng		99
78) Pyrene	19.84	202	1276804	38.916	ng		99
80) Butylbenzylphthalate	20.73	149	526163	36.048	ng		99
81) Benzo(a)anthracene	21.68	228	1187847	36.888	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	316047	25.370	ng		99
83) Chrysene	21.74	228	1135893	36.928	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	729355	36.206	ng		99
85) Di-n-octyl phthalate	22.82	149	1237862	36.721	ng		99
86) Indeno(1,2,3-cd)pyrene	28.56	276	1418079	35.165	ng	#	98
88) Benzo(b)fluoranthene	23.89	252	1236027	37.912	ng		100
89) Benzo(k)fluoranthene	23.96	252	1177967	38.180	ng		99
90) Benzo(a)pyrene	24.76	252	1120180	36.719	ng		95
91) Dibenzo(a,h)anthracene	28.63	278	1161499	38.593	ng		99
92) Benzo(g,h,i)perylene	29.70	276	1179374	38.786	ng		98

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

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