Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\
Data File : BG045254.D
Acq On : 6 May 2020 15:39
Operator : CG/JU
Sample : PB128675BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 06 16:17:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 12:59:59 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Manual Integrations APPROVED
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5/8/2020 5:20:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	56502	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	237065	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	182576	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	440374	20.00	ng		0.00
76) Chrysene-d12	21.65	240	383113	20.00	ng		0.00
87) Perylene-d12	24.82	264	409664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	469354	137.14	ng		0.00
7) Phenol-d6	7.15	99	672047	132.17	ng		0.00
23) Nitrobenzene-d5	9.14	82	430914	82.94	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	353300	125.26	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1037487	83.32	ng		0.00
79) Terphenyl-d14	19.99	244	1755199	99.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	59182	38.911	ng		97
3) Pyridine	3.83	79	135733	28.984	ng		93
4) n-Nitrosodimethylamine	3.74	42	61560	42.911	ng	#	87
6) Aniline	7.30	93	154054	23.302	ng		98
8) 2-Chlorophenol	7.55	128	181138	49.247	ng		98
9) Benzaldehyde	7.11	77	137575	52.099	ng		97
10) Phenol	7.18	94	238839	46.939	ng		96
11) bis(2-Chloroethyl)ether	7.40	93	164148	40.518	ng		98
12) 1,3-Dichlorobenzene	7.87	146	186371m	43.000	ng		
13) 1,4-Dichlorobenzene	8.02	146	187913	43.511	ng		99
14) 1,2-Dichlorobenzene	8.34	146	179835	43.525	ng		96
15) Benzyl Alcohol	8.22	79	181860	42.658	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	155225	39.033	ng		94
17) 2-Methylphenol	8.43	107	165248	42.092	ng		95
18) Hexachloroethane	9.07	117	72685	44.769	ng		96
19) n-Nitroso-di-n-propylamine	8.79	70	149837	41.668	ng		97
20) 3+4-Methylphenols	8.76	107	229344	41.736	ng		98
22) Acetophenone	8.81	105	279162	43.545	ng		97
24) Nitrobenzene	9.19	77	224353	42.127	ng		95
25) Isophorone	9.71	82	436981	41.071	ng		99
26) 2-Nitrophenol	9.90	139	104282	45.459	ng		96
27) 2,4-Dimethylphenol	9.97	122	175608	48.245	ng		92
28) bis(2-Chloroethoxy)methane	10.20	93	239677	42.874	ng		100
29) 2,4-Dichlorophenol	10.44	162	193000	45.920	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	203021	42.664	ng		94
31) Naphthalene	10.84	128	554297	42.742	ng		99
32) Benzoic acid	10.12	122	107468	38.069	ng		90
33) 4-Chloroaniline	10.95	127	65958	10.906	ng		97
34) Hexachlorobutadiene	11.14	225	141376	43.332	ng		97
35) Caprolactam	11.71	113	73781m	44.108	ng		
36) 4-Chloro-3-methylphenol	12.08	107	227167	46.010	ng		99
37) 2-Methylnaphthalene	12.45	142	434648	43.180	ng		99
38) 1-Methylnaphthalene	12.67	142	410503	43.198	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	242986	41.335	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	356395	97.001	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	176838	42.624	ng		96
44) 2,4,5-Trichlorophenol	13.13	196	195770	41.455	ng		99
46) 1,1'-Biphenyl	13.46	154	564286	40.663	ng		100
47) 2-Chloronaphthalene	13.50	162	428064	40.370	ng		99
48) 2-Nitroaniline	13.70	65	141308	40.504	ng		96
49) Acenaphthylene	14.35	152	734785	42.543	ng		100
50) Dimethylphthalate	14.08	163	620106	41.713	ng		99
51) 2,6-Dinitrotoluene	14.19	165	139822	42.050	ng		97
52) Acenaphthene	14.69	154	545923m	46.717	ng		
53) 3-Nitroaniline	14.53	138	53625	14.704	ng	#	92
54) 2,4-Dinitrophenol	14.73	184	172690	87.339	ng		94
55) Dibenzofuran	15.03	168	707236	41.512	ng		98
56) 4-Nitrophenol	14.84	139	233598	82.612	ng		95
57) 2,4-Dinitrotoluene	14.98	165	204039	41.989	ng		99
58) Fluorene	15.68	166	587998	42.253	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	187436	44.607	ng		97
60) Diethylphthalate	15.45	149	647444	41.772	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	331088	41.334	ng		98
62) 4-Nitroaniline	15.69	138	134765	35.628	ng		90
63) Azobenzene	15.96	77	607849	42.537	ng		97
65) 4,6-Dinitro-2-methylphenol	15.75	198	134902	46.605	ng		94
66) n-Nitrosodiphenylamine	15.88	169	531510	42.007	ng		100
67) 4-Bromophenyl-phenylether	16.57	248	228105	40.151	ng		97
68) Hexachlorobenzene	16.69	284	252686	42.886	ng		97
69) Atrazine	16.84	200	212403	46.147	ng		99
70) Pentachlorophenol	17.03	266	308168	85.257	ng		97
71) Phenanthrene	17.42	178	978214	43.227	ng		100
72) Anthracene	17.51	178	1011173	44.545	ng		99
73) Carbazole	17.78	167	921588	40.006	ng		99
74) Di-n-butylphthalate	18.34	149	1122067	44.708	ng		99
75) Fluoranthene	19.43	202	1184342	44.451	ng		99
77) Benzidine	19.60	184	447042	39.568	ng		97
78) Pyrene	19.79	202	1172340	44.387	ng		99
80) Butylbenzylphthalate	20.68	149	466761	42.634	ng		100
81) Benzo(a)anthracene	21.62	228	1075443	43.310	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	193604	19.589	ng	#	97
83) Chrysene	21.69	228	1015404	42.560	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	648952	43.099	ng		98
85) Di-n-octyl phthalate	22.74	149	1074640	41.272	ng		99
86) Indeno(1,2,3-cd)pyrene	28.43	276	1317023	41.578	ng	#	97
88) Benzo(b)fluoranthene	23.81	252	1119976	43.645	ng		97
89) Benzo(k)fluoranthene	23.88	252	1088707	44.612	ng		97
90) Benzo(a)pyrene	24.67	252	1032038	42.597	ng		99
91) Dibenzo(a,h)anthracene	28.49	278	1088178	44.573	ng		97
92) Benzo(g,h,i)perylene	29.55	276	1105119	45.151	ng		98

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

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