Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
Data File : BG045218.D
Acq On : 1 May 2020 16:16
Operator : CG/JU
Sample : PB128614BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 17:13:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB128614BS

Manual Integrations APPROVED
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5/4/2020 3:46:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	59719	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	235227	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	183545	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	452371	20.00	ng		0.00
76) Chrysene-d12	21.65	240	430274	20.00	ng		0.00
87) Perylene-d12	24.82	264	482876	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	449974	124.40	ng		0.00
7) Phenol-d6	7.16	99	625208	116.33	ng		0.00
23) Nitrobenzene-d5	9.15	82	398493	77.30	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	341359	120.39	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	979055	78.22	ng		0.00
79) Terphenyl-d14	20.00	244	1784319	90.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	61774	38.427	ng		100
3) Pyridine	3.84	79	138435	27.969	ng		95
4) n-Nitrosodimethylamine	3.75	42	61730	40.712	ng		91
6) Aniline	7.31	93	204206	29.224	ng		97
8) 2-Chlorophenol	7.55	128	165861	42.664	ng		100
9) Benzaldehyde	7.12	77	143023	50.830	ng		96
10) Phenol	7.18	94	221396	41.167	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	152622	35.644	ng		97
12) 1,3-Dichlorobenzene	7.88	146	179303	39.141	ng		99
13) 1,4-Dichlorobenzene	8.02	146	180313	39.502	ng		99
14) 1,2-Dichlorobenzene	8.35	146	170299	38.997	ng		95
15) Benzyl Alcohol	8.22	79	165791	36.794	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	144808	34.452	ng		96
17) 2-Methylphenol	8.44	107	148779	35.856	ng		95
18) Hexachloroethane	9.08	117	67526	39.351	ng		89
19) n-Nitroso-di-n-propylamine	8.79	70	137495	36.176	ng		98
20) 3+4-Methylphenols	8.77	107	204500	35.210	ng		98
22) Acetophenone	8.81	105	254391	39.991	ng	#	99
24) Nitrobenzene	9.19	77	209102	39.570	ng		97
25) Isophorone	9.72	82	401004	37.984	ng		99
26) 2-Nitrophenol	9.90	139	93054	40.881	ng		97
27) 2,4-Dimethylphenol	9.98	122	161002	44.578	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	220327	39.721	ng		95
29) 2,4-Dichlorophenol	10.45	162	179498	43.041	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	192285	40.724	ng		99
31) Naphthalene	10.85	128	522647	40.616	ng		98
32) Benzoic acid	10.12	122	102090	36.718	ng		95
33) 4-Chloroaniline	10.96	127	129047	21.503	ng		99
34) Hexachlorobutadiene	11.14	225	131923	40.751	ng		98
35) Caprolactam	11.71	113	65453m	39.435	ng		
36) 4-Chloro-3-methylphenol	12.08	107	212268	43.328	ng		100
37) 2-Methylnaphthalene	12.46	142	410247	41.074	ng		98
38) 1-Methylnaphthalene	12.68	142	384495	40.778	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	231822	39.228	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	311310	84.283	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	169664	40.679	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	183581	38.669	ng		97
46) 1,1'-Biphenyl	13.46	154	537787	38.549	ng		100
47) 2-Chloronaphthalene	13.51	162	412291	38.677	ng		99
48) 2-Nitroaniline	13.71	65	135990	38.774	ng		98
49) Acenaphthylene	14.36	152	698451	40.226	ng		99
50) Dimethylphthalate	14.09	163	581232	38.891	ng		99
51) 2,6-Dinitrotoluene	14.20	165	131745	39.412	ng		96
52) Acenaphthene	14.70	154	512872m	43.657	ng		
53) 3-Nitroaniline	14.53	138	88607	24.168	ng		94
54) 2,4-Dinitrophenol	14.74	184	150460	75.695	ng		94
55) Dibenzofuran	15.03	168	684409	39.960	ng		96
56) 4-Nitrophenol	14.85	139	217811	76.622	ng		95
57) 2,4-Dinitrotoluene	14.99	165	191766	39.255	ng		96
58) Fluorene	15.69	166	570116	40.752	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	184596	43.699	ng		98
60) Diethylphthalate	15.46	149	613655	39.383	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	312690	38.831	ng		96
62) 4-Nitroaniline	15.70	138	133963	35.229	ng		95
63) Azobenzene	15.97	77	584436	40.682	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	120923	40.668	ng		97
66) n-Nitrosodiphenylamine	15.89	169	519267	39.951	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	221977	38.036	ng		97
68) Hexachlorobenzene	16.70	284	241908	39.968	ng		99
69) Atrazine	16.84	200	203672	42.721	ng		99
70) Pentachlorophenol	17.04	266	287974	77.558	ng		98
71) Phenanthrene	17.42	178	947816	40.773	ng		100
72) Anthracene	17.51	178	972139	41.690	ng		100
73) Carbazole	17.78	167	882235	37.282	ng		99
74) Di-n-butylphthalate	18.35	149	1077921	41.355	ng		99
75) Fluoranthene	19.43	202	1203629	43.901	ng		98
77) Benzidine	19.61	184	710179	58.814	ng		98
78) Pyrene	19.79	202	1185916	39.979	ng		99
80) Butylbenzylphthalate	20.68	149	482786	39.264	ng		99
81) Benzo(a)anthracene	21.63	228	1146682	41.118	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	305421	27.515	ng		98
83) Chrysene	21.69	228	1106668	41.301	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	680056	40.214	ng		97
85) Di-n-octyl phthalate	22.75	149	1175711	40.204	ng		100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1484342	41.724	ng	#	96
88) Benzo(b)fluoranthene	23.82	252	1220571	40.353	ng		97
89) Benzo(k)fluoranthene	23.89	252	1216121	42.278	ng		99
90) Benzo(a)pyrene	24.67	252	1154392	40.423	ng	#	98
91) Dibenzo(a,h)anthracene	28.50	278	1208212	41.986	ng		97
92) Benzo(g,h,i)perylene	29.57	276	1229783	42.627	ng		98

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

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