Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043529.D
Acq On : 6 Nov 2019 20:48
Operator : JU
Sample : K5612-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GL-STOCKPILEMS

Manual Integrations APPROVED
Sohil
11/8/2019 3:29:55 PM

Quant Time: Nov 07 01:26:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31487	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	117767	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	83350	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	202981	20.00	ng		0.00
76) Chrysene-d12	21.65	240	220457	20.00	ng		0.00
87) Perylene-d12	24.85	264	263648	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	213893	124.48	ng		0.00
7) Phenol-d6	7.19	99	301275	121.86	ng		0.00
23) Nitrobenzene-d5	9.17	82	175380	76.78	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	178021	112.23	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	445435	73.85	ng		0.00
79) Terphenyl-d14	20.00	244	891081	75.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	26186	39.106	ng		91
3) Pyridine	3.87	79	62525	37.016	ng		99
4) n-Nitrosodimethylamine	3.79	42	36560	42.894	ng	#	99
6) Aniline	7.34	93	54187	19.027	ng		99
8) 2-Chlorophenol	7.58	128	88972	46.906	ng		98
9) Benzaldehyde	7.15	77	44480	36.610	ng		91
10) Phenol	7.22	94	110871	49.077	ng		100
11) bis(2-Chloroethyl)ether	7.43	93	71771	41.091	ng		96
12) 1,3-Dichlorobenzene	7.90	146	99502	41.868	ng		98
13) 1,4-Dichlorobenzene	8.04	146	100407	41.758	ng		99
14) 1,2-Dichlorobenzene	8.36	146	96346	41.038	ng		98
15) Benzyl Alcohol	8.25	79	79382	45.720	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	101276	39.877	ng		97
17) 2-Methylphenol	8.47	107	75990	46.141	ng		97
18) Hexachloroethane	9.09	117	35198	40.574	ng		93
19) n-Nitroso-di-n-propylamine	8.81	70	64789	40.556	ng		96
20) 3+4-Methylphenols	8.80	107	98810	43.754	ng		98
22) Acetophenone	8.83	105	126086	41.807	ng		98
24) Nitrobenzene	9.22	77	97579	44.842	ng		99
25) Isophorone	9.73	82	181206	43.388	ng		99
26) 2-Nitrophenol	9.93	139	50602	48.166	ng	#	88
27) 2,4-Dimethylphenol	10.00	122	77495	51.466	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	100470	43.588	ng		98
29) 2,4-Dichlorophenol	10.48	162	91007	47.172	ng		93
30) 1,2,4-Trichlorobenzene	10.68	180	103302	42.483	ng		93
31) Naphthalene	10.87	128	271562	45.428	ng		98
32) Benzoic acid	10.16	122	34080	33.103	ng		99
33) 4-Chloroaniline	10.99	127	28838	11.769	ng		94
34) Hexachlorobutadiene	11.15	225	74395	41.388	ng		96
35) Caprolactam	11.75	113	29046m	43.714	ng		
36) 4-Chloro-3-methylphenol	12.11	107	97025	46.105	ng		98
37) 2-Methylnaphthalene	12.47	142	206337	44.986	ng		99
38) 1-Methylnaphthalene	12.69	142	194388	44.543	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	132406	42.924	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	129264	79.773	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	81954	45.114	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	87916	47.871	ng		95
46) 1,1'-Biphenyl	13.48	154	273665	43.159	ng		97
47) 2-Chloronaphthalene	13.52	162	213565	44.266	ng		100
48) 2-Nitroaniline	13.72	65	64687	44.861	ng		97
49) Acenaphthylene	14.36	152	347132	46.231	ng		99
50) Dimethylphthalate	14.09	163	364446	56.450	ng		98
51) 2,6-Dinitrotoluene	14.22	165	63952	45.597	ng		95
52) Acenaphthene	14.70	154	207901	45.403	ng		97
53) 3-Nitroaniline	14.56	138	24585	18.155	ng		89
54) 2,4-Dinitrophenol	14.76	184	73802	83.877	ng		97
55) Dibenzofuran	15.04	168	340572	45.864	ng		98
56) 4-Nitrophenol	14.89	139	91832	101.197	ng		89
57) 2,4-Dinitrotoluene	15.00	165	89980	44.891	ng		99
58) Fluorene	15.68	166	283530	45.525	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	88285m	45.246	ng		
60) Diethylphthalate	15.46	149	283607	43.720	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	158962	43.752	ng		97
62) 4-Nitroaniline	15.72	138	60892	43.541	ng		98
63) Azobenzene	15.97	77	240385	45.788	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	59176	49.538	ng		97
66) n-Nitrosodiphenylamine	15.90	169	251375	43.865	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	112096	41.036	ng		97
68) Hexachlorobenzene	16.70	284	127210	40.569	ng		94
69) Atrazine	16.84	200	110641	55.563	ng		98
70) Pentachlorophenol	17.05	266	125135	87.582	ng		98
71) Phenanthrene	17.43	178	452534	43.537	ng		99
72) Anthracene	17.52	178	469668	45.162	ng		99
73) Carbazole	17.79	167	429438	45.600	ng		98
74) Di-n-butylphthalate	18.34	149	509024	44.546	ng		99
75) Fluoranthene	19.44	202	614143	45.322	ng		99
77) Benzidine	19.62	184	222340	50.113	ng		99
78) Pyrene	19.80	202	620834	45.496	ng		100
80) Butylbenzylphthalate	20.68	149	234279	45.316	ng		94
81) Benzo(a)anthracene	21.64	228	637336	46.153	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	106817	19.999	ng		99
83) Chrysene	21.70	228	616928	44.964	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	342102	46.583	ng		98
85) Di-n-octyl phthalate	22.74	149	584017	46.873	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	812857	47.197	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	659449	44.163	ng		99
89) Benzo(k)fluoranthene	23.90	252	679031	45.171	ng		98
90) Benzo(a)pyrene	24.70	252	622084	43.627	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	678741	46.537	ng		97
92) Benzo(g,h,i)perylene	29.63	276	675554	46.957	ng		99

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

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