Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031771.D
Acq On : 26 Dec 2017 21:00
Operator : SJ/JU
Sample : I7061-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-COMP1MS

Quant Time: Dec 27 12:18:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	49460	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	203376	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	143498	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	362775	20.00	ng		-0.03
75) Chrysene-d12	22.52	240	417544	20.00	ng		-0.05
86) Perylene-d12	26.27	264	470371	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	360915	132.91	ng		-0.02
7) Phenol-d6	7.91	99	424826	120.50	ng		-0.02
23) Nitrobenzene-d5	10.01	82	260038	96.55	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	341174	155.82	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	927147	81.09	ng		-0.03
78) Terphenyl-d14	20.70	244	1774433	97.09	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	33649	33.428	ng	#	71
3) Pyridine	4.35	79	88960	33.062	ng	#	75
4) n-Nitrosodimethylamine	4.23	42	41951	38.637	ng	#	92
6) Aniline	8.10	93	26111	5.756	ng		93
8) 2-Chlorophenol	8.35	128	139412	44.259	ng	#	79
9) Benzaldehyde	7.90	77	46823	22.056	ng		85
10) Phenol	7.94	94	139281	39.130	ng		90
11) bis(2-Chloroethyl)ether	8.19	93	111423	37.692	ng	#	81
12) 1,3-Dichlorobenzene	8.69	146	138289	35.353	ng	#	94
13) 1,4-Dichlorobenzene	8.85	146	141161	35.327	ng		95
14) 1,2-Dichlorobenzene	9.18	146	138186	36.497	ng		98
15) Benzyl Alcohol	9.04	79	110520	41.758	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.33	45	107809	44.783	ng		83
17) 2-Methylphenol	9.24	107	108436	42.576	ng		94
18) Hexachloroethane	9.93	117	44536	36.800	ng		88
19) n-Nitroso-di-n-propylamine	9.62	70	86657	35.990	ng	#	81
20) 3+4-Methylphenols	9.57	107	150521	41.583	ng		92
22) Acetophenone	9.65	105	198152	41.937	ng	#	86
24) Nitrobenzene	10.05	77	120631	43.458	ng	#	80
25) Isophorone	10.57	82	250637	43.229	ng	#	85
26) 2-Nitrophenol	10.77	139	73761	50.681	ng	#	77
27) 2,4-Dimethylphenol	10.81	122	148787	48.582	ng		93
28) bis(2-Chloroethoxy)methane	11.06	93	159536	41.008	ng	#	95
29) 2,4-Dichlorophenol	11.31	162	169368	47.108	ng		91
30) 1,2,4-Trichlorobenzene	11.54	180	171245	39.009	ng		98
31) Naphthalene	11.74	128	420135	40.933	ng		98
33) 4-Chloroaniline	11.83	127	15705	3.437	ng	#	94
34) Hexachlorobutadiene	12.01	225	113677	37.719	ng		95
35) Caprolactam	12.57	113	40263	36.945	ng	#	44
36) 4-Chloro-3-methylphenol	12.90	107	153977	46.371	ng	#	82
37) 2-Methylnaphthalene	13.30	142	345688	41.546	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	241466	39.950	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	250079	78.430	ng		90
42) 2,4,6-Trichlorophenol	13.88	196	161110	46.231	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.95	196	173615	44.955	ng	#	88
45) 1,1'-Biphenyl	14.28	154	504904	41.196	ng		95
46) 2-Chloronaphthalene	14.33	162	381308	40.789	ng		95
47) 2-Nitroaniline	14.51	65	78458	48.594	ng	#	64
48) Acenaphthylene	15.17	152	587246	39.265	ng		99
49) Dimethylphthalate	14.87	163	531446	42.039	ng	#	99
50) 2,6-Dinitrotoluene	14.99	165	114454	49.215	ng	#	65
51) Acenaphthene	15.50	154	375343	38.320	ng		99
52) 3-Nitroaniline	15.32	138	22837	10.065	ng	#	73
53) 2,4-Dinitrophenol	15.52	184	8956	15.833	ng	#	1
54) Dibenzofuran	15.83	168	629735	41.941	ng		96
55) 4-Nitrophenol	15.60	139	141107	76.411	ng	#	70
56) 2,4-Dinitrotoluene	15.77	165	158108	52.872	ng	#	63
57) Fluorene	16.47	166	507607	41.616	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.04	232	176759	46.912	ng	#	84
59) Diethylphthalate	16.21	149	522186	42.380	ng		96
60) 4-Chlorophenyl-phenylether	16.45	204	307154	41.156	ng		93
61) 4-Nitroaniline	16.47	138	75462	34.082	ng		80
62) Azobenzene	16.74	77	328927	41.626	ng		83
64) 4,6-Dinitro-2-methylphenol	16.53	198	15060	15.363	ng	#	60
65) n-Nitrosodiphenylamine	16.66	169	474704	39.399	ng		100
66) 4-Bromophenyl-phenylether	17.34	248	223918	42.684	ng		93
67) Hexachlorobenzene	17.47	284	233600	43.560	ng	#	89
68) Atrazine	17.59	200	208749	44.557	ng		98
69) Pentachlorophenol	17.81	266	145502	39.446	ng		99
70) Phenanthrene	18.21	178	867176	42.239	ng		99
71) Anthracene	18.30	178	884600	42.714	ng		99
72) Carbazole	18.56	167	775948	42.332	ng		100
73) Di-n-butylphthalate	19.07	149	858796	42.158	ng		99
74) Fluoranthene	20.17	202	1084595	43.055	ng		96
76) Benzidine	20.33	184	95490	7.409	ng		97
77) Pyrene	20.53	202	1099830	41.236	ng		98
79) Butylbenzylphthalate	21.40	149	390919	43.661	ng	#	76
80) Benzo(a)anthracene	22.49	228	1139336	42.896	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	62046	6.025	ng	#	97
82) Chrysene	22.57	228	1061575	42.242	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	547820	42.232	ng	#	95
84) Di-n-octyl phthalate	23.75	149	967397	44.282	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1515206	46.997	ng	#	88
87) Benzo(b)fluoranthene	25.07	252	1223440	41.902	ng	#	97
88) Benzo(k)fluoranthene	25.14	252	1217031	41.650	ng	#	96
89) Benzo(a)pyrene	26.09	252	1201513	42.967	ng	#	97
90) Dibenzo(a,h)anthracene	30.71	278	1256648	43.512	ng	#	96
91) Benzo(g,h,i)perylene	30.63	276	1515206	44.437	ng	#	92

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

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