Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
Data File : BG030516.D
Acq On : 28 Oct 2017 3:20
Operator : SJ/JU
Sample : I6101-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB-1017-S-TCLP-48S(3+4)MS

Quant Time: Oct 28 04:28:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67430	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	304750	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	208854	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	500794	20.00	ng		0.00
75) Chrysene-d12	21.80	240	520445	20.00	ng		0.00
86) Perylene-d12	25.11	264	515773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	450208	111.54	ng		0.00
7) Phenol-d6	7.32	99	544495	96.10	ng		0.00
23) Nitrobenzene-d5	9.33	82	392507	81.85	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	312674	115.95	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1012947	71.13	ng		0.00
78) Terphenyl-d14	20.11	244	1673791	73.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	62052	37.890	ng	#	77
3) Pyridine	4.00	79	164189	34.427	ng		91
4) n-Nitrosodimethylamine	3.90	42	85321	38.272	ng	#	93
6) Aniline	7.48	93	115232	16.425	ng		96
8) 2-Chlorophenol	7.73	128	185159	40.020	ng		92
9) Benzaldehyde	7.30	77	93628	32.855	ng		90
10) Phenol	7.35	94	213512	34.955	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	179525	40.340	ng		91
12) 1,3-Dichlorobenzene	8.05	146	194889	37.519	ng		96
13) 1,4-Dichlorobenzene	8.20	146	199902	37.694	ng		96
14) 1,2-Dichlorobenzene	8.52	146	192809	37.693	ng		97
15) Benzyl Alcohol	8.40	79	175187	43.877	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.69	45	295159	39.054	ng		95
17) 2-Methylphenol	8.61	107	162667	40.089	ng		97
18) Hexachloroethane	9.26	117	69314	38.353	ng		100
19) n-Nitroso-di-n-propylamine	8.97	70	151744	39.390	ng	#	98
20) 3+4-Methylphenols	8.94	107	225058	39.364	ng		93
22) Acetophenone	8.99	105	286420	38.999	ng	#	94
24) Nitrobenzene	9.38	77	221981	41.168	ng		93
25) Isophorone	9.90	82	421328	42.085	ng	#	94
26) 2-Nitrophenol	10.09	139	111473	43.255	ng	#	86
27) 2,4-Dimethylphenol	10.14	122	188656	40.461	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	256251	41.742	ng		96
29) 2,4-Dichlorophenol	10.63	162	215213	43.284	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	221223	41.183	ng		96
31) Naphthalene	11.03	128	603435	39.731	ng		99
32) Benzoic acid	10.22	122	10703	2.741	ng	#	73
33) 4-Chloroaniline	11.14	127	30101	4.712	ng		93
34) Hexachlorobutadiene	11.31	225	133049	39.837	ng		97
35) Caprolactam	11.90	113	56244	34.036	ng		87
36) 4-Chloro-3-methylphenol	12.25	107	227282	41.561	ng		91
37) 2-Methylnaphthalene	12.63	142	477346	43.123	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	265020	34.755	ng		98
40) Hexachlorocyclopentadiene	12.97	237	244321	84.313	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	188444	39.367	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	205267	41.755	ng		96
45) 1,1'-Biphenyl	13.62	154	637755	35.526	ng		98
46) 2-Chloronaphthalene	13.67	162	508250	38.815	ng		99
47) 2-Nitroaniline	13.86	65	163162	45.365	ng		88
48) Acenaphthylene	14.51	152	808050	39.431	ng		99
49) Dimethylphthalate	14.23	163	662569	40.660	ng		99
50) 2,6-Dinitrotoluene	14.35	165	152553	44.658	ng	#	82
51) Acenaphthene	14.85	154	497171	37.287	ng		99
52) 3-Nitroaniline	14.68	138	83380	22.620	ng	#	81
53) 2,4-Dinitrophenol	14.89	184	15638	14.255	ng	#	53
54) Dibenzofuran	15.18	168	810608	42.586	ng		98
55) 4-Nitrophenol	14.99	139	165349	54.410	ng		84
56) 2,4-Dinitrotoluene	15.14	165	215144	46.525	ng	#	76
57) Fluorene	15.83	166	638454	40.603	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	174938	42.653	ng	#	95
59) Diethylphthalate	15.59	149	722752	44.505	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	360600	43.012	ng		96
61) 4-Nitroaniline	15.84	138	155196	41.003	ng		83
62) Azobenzene	16.11	77	604642	44.152	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	24924	12.840	ng		88
65) n-Nitrosodiphenylamine	16.03	169	579403	38.622	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	235532	40.987	ng		97
67) Hexachlorobenzene	16.83	284	252764	38.832	ng		98
68) Atrazine	16.97	200	231640	43.275	ng		98
69) Pentachlorophenol	17.17	266	104494	27.945	ng		97
70) Phenanthrene	17.57	178	1051946	40.661	ng		98
71) Anthracene	17.66	178	1070471	41.207	ng		99
72) Carbazole	17.92	167	987184	39.559	ng		98
73) Di-n-butylphthalate	18.47	149	1160320	40.428	ng		99
74) Fluoranthene	19.56	202	1283338	42.411	ng		97
76) Benzidine	19.73	184	160136	10.191	ng		97
77) Pyrene	19.92	202	1316878	41.711	ng		95
79) Butylbenzylphthalate	20.79	149	547780	40.725	ng		88
80) Benzo(a)anthracene	21.78	228	1301084	42.580	ng		99
81) 3,3'-Dichlorobenzidine	21.69	252	230478	18.274	ng		100
82) Chrysene	21.85	228	1224143	41.832	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	751350	38.923	ng		98
84) Di-n-octyl phthalate	22.90	149	1301401	38.683	ng		97
85) Indeno(1,2,3-cd)pyrene	28.91	276	1280879	35.579	ng	#	88
87) Benzo(b)fluoranthene	24.06	252	1253716	42.458	ng		100
88) Benzo(k)fluoranthene	24.13	252	1326644	45.097	ng		97
89) Benzo(a)pyrene	24.96	252	1246042	43.895	ng		100
90) Dibenzo(a,h)anthracene	28.97	278	1100935	38.308	ng		96
91) Benzo(g,h,i)perylene	30.10	276	825875	30.929	ng		99

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

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