Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
Data File : BG030517.D
Acq On : 28 Oct 2017 3:59
Operator : SJ/JU
Sample : I6101-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 28 06:20:49 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	74182	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	336493	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	228757	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	538384	20.00	ng		0.00
75) Chrysene-d12	21.80	240	567600	20.00	ng		0.00
86) Perylene-d12	25.12	264	562870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	545427	122.83	ng		0.00
7) Phenol-d6	7.32	99	674499	108.21	ng		0.00
23) Nitrobenzene-d5	9.33	82	477197	90.12	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	404686	137.02	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1236912	79.30	ng		0.00
78) Terphenyl-d14	20.12	244	2012357	80.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	64698	35.910	ng	#	79
3) Pyridine	4.00	79	168269	32.071	ng		91
4) n-Nitrosodimethylamine	3.90	42	99254	40.470	ng	#	91
6) Aniline	7.49	93	159173	20.623	ng		96
8) 2-Chlorophenol	7.73	128	220851	43.390	ng		94
9) Benzaldehyde	7.30	77	89045	28.403	ng		92
10) Phenol	7.35	94	257484	38.317	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	209808	42.854	ng		93
12) 1,3-Dichlorobenzene	8.06	146	225487	39.459	ng		95
13) 1,4-Dichlorobenzene	8.20	146	231536	39.685	ng		94
14) 1,2-Dichlorobenzene	8.52	146	222613	39.558	ng		98
15) Benzyl Alcohol	8.40	79	212328	48.339	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	346085	41.624	ng		95
17) 2-Methylphenol	8.61	107	196016	43.911	ng		98
18) Hexachloroethane	9.26	117	78887	39.677	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	180877	42.679	ng	#	95
20) 3+4-Methylphenols	8.93	107	272407	43.309	ng		94
22) Acetophenone	8.99	105	338260	41.713	ng	#	94
24) Nitrobenzene	9.38	77	262050	44.015	ng		93
25) Isophorone	9.90	82	509449	46.086	ng	#	94
26) 2-Nitrophenol	10.09	139	135602	47.654	ng		89
27) 2,4-Dimethylphenol	10.14	122	229918	44.659	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	308171	45.464	ng		97
29) 2,4-Dichlorophenol	10.63	162	259547	47.276	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	257684	43.445	ng		98
31) Naphthalene	11.04	128	707961	42.216	ng		98
32) Benzoic acid	10.24	122	41822	9.702	ng	#	79
33) 4-Chloroaniline	11.14	127	47980	6.802	ng		96
34) Hexachlorobutadiene	11.31	225	155387	42.136	ng		97
35) Caprolactam	11.91	113	70145	38.444	ng	#	86
36) 4-Chloro-3-methylphenol	12.25	107	278755	46.165	ng	#	88
37) 2-Methylnaphthalene	12.63	142	557661	45.626	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	313392	37.523	ng		99
40) Hexachlorocyclopentadiene	12.97	237	289563	90.850	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	229851	43.840	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	246471	45.775	ng		97
45) 1,1'-Biphenyl	13.62	154	754990	38.397	ng		97
46) 2-Chloronaphthalene	13.67	162	598872	41.756	ng		98
47) 2-Nitroaniline	13.87	65	198925	50.497	ng		89
48) Acenaphthylene	14.51	152	949493	42.301	ng		99
49) Dimethylphthalate	14.23	163	797869	44.703	ng		99
50) 2,6-Dinitrotoluene	14.36	165	186349	49.805	ng	#	78
51) Acenaphthene	14.85	154	582377	39.877	ng		98
52) 3-Nitroaniline	14.69	138	128532	31.835	ng	#	84
53) 2,4-Dinitrophenol	14.90	184	30783	20.333	ng	#	59
54) Dibenzofuran	15.18	168	954726	45.794	ng		99
55) 4-Nitrophenol	14.99	139	221395	66.514	ng	#	86
56) 2,4-Dinitrotoluene	15.14	165	260712	51.474	ng	#	79
57) Fluorene	15.83	166	763729	44.344	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	233352	51.946	ng		93
59) Diethylphthalate	15.59	149	830232	46.675	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	430981	46.934	ng		95
61) 4-Nitroaniline	15.84	138	189070	45.606	ng		88
62) Azobenzene	16.11	77	715320	47.689	ng		97
64) 4,6-Dinitro-2-methylphenol	15.91	198	45320	18.260	ng		83
65) n-Nitrosodiphenylamine	16.03	169	699579	43.377	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	285559	46.223	ng		100
67) Hexachlorobenzene	16.84	284	302477	43.224	ng		96
68) Atrazine	16.97	200	273657	47.555	ng		99
69) Pentachlorophenol	17.18	266	189210	47.068	ng		97
70) Phenanthrene	17.57	178	1245661	44.787	ng		97
71) Anthracene	17.66	178	1265637	45.318	ng		97
72) Carbazole	17.92	167	1175026	43.798	ng		97
73) Di-n-butylphthalate	18.46	149	1390302	45.058	ng		99
74) Fluoranthene	19.56	202	1518895	46.691	ng		95
76) Benzidine	19.73	184	72897	4.254	ng		99
77) Pyrene	19.93	202	1553462	45.117	ng		95
79) Butylbenzylphthalate	20.79	149	652184	44.459	ng		91
80) Benzo(a)anthracene	21.78	228	1547772	46.445	ng		97
81) 3,3'-Dichlorobenzidine	21.68	252	375914	27.329	ng		98
82) Chrysene	21.85	228	1475657	46.238	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	896714	42.594	ng		99
84) Di-n-octyl phthalate	22.91	149	1569263	42.770	ng		97
85) Indeno(1,2,3-cd)pyrene	28.91	276	1462878	37.258	ng	#	77
87) Benzo(b)fluoranthene	24.06	252	1497080	46.458	ng		99
88) Benzo(k)fluoranthene	24.13	252	1577755	49.145	ng		97
89) Benzo(a)pyrene	24.96	252	1470669	47.473	ng		99
90) Dibenzo(a,h)anthracene	28.98	278	1223268	39.003	ng		95
91) Benzo(g,h,i)perylene	30.09	276	1110572	38.110	ng		100

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

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