Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032469.D
Acq On : 31 Jan 2018 17:22
Operator : SJ/JU
Sample : PB106216BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106216BSD

Quant Time: Feb 01 01:38:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	27691	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	113296	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	81683	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	207721	20.00	ng		0.00
75) Chrysene-d12	22.41	240	261607	20.00	ng		0.00
86) Perylene-d12	26.09	264	288996	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	116435	84.46	ng		0.00
7) Phenol-d6	7.84	99	143407	77.95	ng		0.00
23) Nitrobenzene-d5	9.91	82	132806	73.22	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	118640	76.30	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	482199	70.16	ng		-0.01
78) Terphenyl-d14	20.62	244	910582	74.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	16392	35.339	ng	#	76
3) Pyridine	4.26	79	45838	36.598	ng		86
4) n-Nitrosodimethylamine	4.17	42	26948	41.332	ng	#	65
6) Aniline	8.01	93	36117	15.746	ng		90
8) 2-Chlorophenol	8.26	128	68036	41.749	ng		82
9) Benzaldehyde	7.81	77	19969	21.016	ng		84
10) Phenol	7.87	94	70778	40.513	ng		88
11) bis(2-Chloroethyl)ether	8.10	93	45512	34.190	ng		85
12) 1,3-Dichlorobenzene	8.60	146	81423	36.945	ng		94
13) 1,4-Dichlorobenzene	8.75	146	83676	37.881	ng		88
14) 1,2-Dichlorobenzene	9.08	146	78881	36.453	ng		95
15) Benzyl Alcohol	8.95	79	55131	36.361	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.24	45	44146	34.998	ng		70
17) 2-Methylphenol	9.16	107	52314	36.869	ng		94
18) Hexachloroethane	9.83	117	27754	37.423	ng	#	82
19) n-Nitroso-di-n-propylamine	9.52	70	39235	32.165	ng	#	92
20) 3+4-Methylphenols	9.49	107	72832	36.593	ng		96
22) Acetophenone	9.55	105	91948	34.622	ng	#	91
24) Nitrobenzene	9.96	77	65289	37.223	ng	#	83
25) Isophorone	10.48	82	113761	36.833	ng	#	84
26) 2-Nitrophenol	10.68	139	41074	38.739	ng	#	78
27) 2,4-Dimethylphenol	10.72	122	64123	42.135	ng		94
28) bis(2-Chloroethoxy)methane	10.96	93	66536	39.286	ng	#	96
29) 2,4-Dichlorophenol	11.23	162	83914	41.624	ng		88
30) 1,2,4-Trichlorobenzene	11.44	180	95697	35.615	ng		92
31) Naphthalene	11.64	128	199146	35.989	ng		97
32) Benzoic acid	10.86	122	45330	41.153	ng		89
33) 4-Chloroaniline	11.75	127	32096	13.005	ng	#	90
34) Hexachlorobutadiene	11.91	225	73131	34.982	ng		96
35) Caprolactam	12.50	113	23005	39.750	ng	#	40
36) 4-Chloro-3-methylphenol	12.83	107	74198	38.801	ng	#	82
37) 2-Methylnaphthalene	13.21	142	167498	36.031	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	131007	34.283	ng		97
40) Hexachlorocyclopentadiene	13.54	237	178956	74.951	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	79545	38.269	ng		96
43) 2,4,5-Trichlorophenol	13.87	196	91711	37.849	ng	#	91
45) 1,1'-Biphenyl	14.19	154	238836	34.609	ng		95
46) 2-Chloronaphthalene	14.24	162	189415	35.019	ng		95
47) 2-Nitroaniline	14.44	65	42813	35.793	ng	#	77
48) Acenaphthylene	15.08	152	286337	35.018	ng		100
49) Dimethylphthalate	14.78	163	258283	34.294	ng		99
50) 2,6-Dinitrotoluene	14.91	165	56259	35.589	ng	#	77
51) Acenaphthene	15.41	154	216167	38.119	ng		99
52) 3-Nitroaniline	15.25	138	26840	19.439	ng	#	67
53) 2,4-Dinitrophenol	15.45	184	61188	62.933	ng	#	55
54) Dibenzofuran	15.74	168	310965	37.048	ng		99
55) 4-Nitrophenol	15.54	139	76388	73.898	ng	#	80
56) 2,4-Dinitrotoluene	15.69	165	82779	36.779	ng	#	70
57) Fluorene	16.39	166	247177	35.439	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	97144	40.649	ng	#	84
59) Diethylphthalate	16.12	149	254634	34.713	ng		97
60) 4-Chlorophenyl-phenylether	16.36	204	158516	36.041	ng		95
61) 4-Nitroaniline	16.40	138	46647	31.520	ng		84
62) Azobenzene	16.66	77	158862	36.240	ng		84
64) 4,6-Dinitro-2-methylphenol	16.44	198	50881	32.788	ng	#	68
65) n-Nitrosodiphenylamine	16.57	169	227846	36.755	ng		99
66) 4-Bromophenyl-phenylether	17.26	248	116554	37.875	ng		95
67) Hexachlorobenzene	17.39	284	124253	36.485	ng	#	90
68) Atrazine	17.50	200	106725	40.105	ng		97
69) Pentachlorophenol	17.73	266	144131	67.560	ng		97
70) Phenanthrene	18.13	178	427721	36.923	ng		100
71) Anthracene	18.21	178	437908	37.966	ng		98
72) Carbazole	18.48	167	364773	35.793	ng		100
73) Di-n-butylphthalate	18.98	149	422351	37.431	ng		99
74) Fluoranthene	20.09	202	564593	37.165	ng		93
76) Benzidine	20.25	184	168153	32.734	ng		96
77) Pyrene	20.45	202	565647	35.253	ng		100
79) Butylbenzylphthalate	21.30	149	195202	38.569	ng	#	74
80) Benzo(a)anthracene	22.39	228	612848	37.788	ng		99
81) 3,3'-Dichlorobenzidine	22.28	252	113214	18.017	ng	#	99
82) Chrysene	22.46	228	567912	36.259	ng		98
83) Bis(2-ethylhexyl)phthalate	22.23	149	271634	37.852	ng	#	99
84) Di-n-octyl phthalate	23.60	149	473790	41.625	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.35	276	774810	39.105	ng	#	85
87) Benzo(b)fluoranthene	24.91	252	644639	36.917	ng	#	94
88) Benzo(k)fluoranthene	24.98	252	653804	37.796	ng	#	96
89) Benzo(a)pyrene	25.91	252	638107	38.331	ng	#	96
90) Dibenzo(a,h)anthracene	30.42	278	647741	38.036	ng	#	95
91) Benzo(g,h,i)perylene	31.69	276	643707	38.081	ng	#	89

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

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