Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032444.D
Acq On : 30 Jan 2018 16:27
Operator : SJ/JU
Sample : PB106192BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106192BS

Quant Time: Jan 31 00:42:35 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	27061	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	105050	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	77672	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	219106	20.00	ng		0.00
75) Chrysene-d12	22.41	240	285017	20.00	ng		0.00
86) Perylene-d12	26.09	264	314817	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	169174	125.57	ng		0.00
7) Phenol-d6	7.84	99	213076	118.52	ng		0.01
23) Nitrobenzene-d5	9.91	82	128544	76.43	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	197814	133.79	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	505363	77.33	ng		-0.01
78) Terphenyl-d14	20.62	244	1103224	82.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	15268	33.682	ng	#	73
3) Pyridine	4.25	79	43578	35.603	ng		85
4) n-Nitrosodimethylamine	4.16	42	27192	42.677	ng	#	66
6) Aniline	8.01	93	37731	16.832	ng		98
8) 2-Chlorophenol	8.26	128	70867	44.498	ng	#	78
9) Benzaldehyde	7.81	77	22288	24.002	ng	#	79
10) Phenol	7.87	94	73653	43.140	ng		87
11) bis(2-Chloroethyl)ether	8.10	93	49787	38.272	ng	#	82
12) 1,3-Dichlorobenzene	8.60	146	79191	36.769	ng		93
13) 1,4-Dichlorobenzene	8.75	146	80927	37.489	ng		93
14) 1,2-Dichlorobenzene	9.08	146	76279	36.072	ng		98
15) Benzyl Alcohol	8.95	79	60686	40.957	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.24	45	45255	36.712	ng		70
17) 2-Methylphenol	9.16	107	56112	40.466	ng		96
18) Hexachloroethane	9.83	117	26700	36.840	ng	#	77
19) n-Nitroso-di-n-propylamine	9.53	70	42116	35.331	ng	#	93
20) 3+4-Methylphenols	9.50	107	76376	39.267	ng		91
22) Acetophenone	9.55	105	92839	37.701	ng	#	93
24) Nitrobenzene	9.95	77	66461	40.866	ng	#	87
25) Isophorone	10.48	82	121572	42.452	ng	#	87
26) 2-Nitrophenol	10.68	139	41062	41.767	ng	#	84
27) 2,4-Dimethylphenol	10.72	122	72588	51.442	ng		98
28) bis(2-Chloroethoxy)methane	10.96	93	70477	44.879	ng	#	96
29) 2,4-Dichlorophenol	11.23	162	88753	47.480	ng		88
30) 1,2,4-Trichlorobenzene	11.45	180	95833	38.465	ng		97
31) Naphthalene	11.64	128	207530	40.448	ng		98
32) Benzoic acid	10.85	122	39504	39.117	ng	#	80
33) 4-Chloroaniline	11.74	127	35280	15.417	ng		94
34) Hexachlorobutadiene	11.91	225	71498	36.885	ng		96
35) Caprolactam	12.50	113	26534	49.447	ng	#	52
36) 4-Chloro-3-methylphenol	12.83	107	86650	48.869	ng	#	89
37) 2-Methylnaphthalene	13.21	142	178796	41.480	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	137223	37.764	ng		98
40) Hexachlorocyclopentadiene	13.54	237	187029	82.378	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	91589	46.338	ng		98
43) 2,4,5-Trichlorophenol	13.87	196	101206	43.924	ng	#	92
45) 1,1'-Biphenyl	14.18	154	258833	39.443	ng		94
46) 2-Chloronaphthalene	14.24	162	207441	40.332	ng		97
47) 2-Nitroaniline	14.43	65	50212	44.147	ng	#	75
48) Acenaphthylene	15.08	152	319282	41.063	ng		100
49) Dimethylphthalate	14.78	163	296065	41.340	ng		98
50) 2,6-Dinitrotoluene	14.91	165	67031	44.593	ng	#	80
51) Acenaphthene	15.41	154	257051	47.669	ng		98
52) 3-Nitroaniline	15.24	138	28119	21.417	ng	#	66
53) 2,4-Dinitrophenol	15.45	184	84738	89.782	ng	#	56
54) Dibenzofuran	15.74	168	344161	43.121	ng		97
55) 4-Nitrophenol	15.54	139	95756	97.418	ng	#	77
56) 2,4-Dinitrotoluene	15.69	165	97430	45.524	ng	#	69
57) Fluorene	16.39	166	280817	42.341	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	110351	48.559	ng	#	87
59) Diethylphthalate	16.12	149	300035	43.015	ng		98
60) 4-Chlorophenyl-phenylether	16.36	204	176095	42.106	ng		93
61) 4-Nitroaniline	16.41	138	56636	40.246	ng		80
62) Azobenzene	16.66	77	184978	44.376	ng		83
64) 4,6-Dinitro-2-methylphenol	16.45	198	61712	37.701	ng	#	70
65) n-Nitrosodiphenylamine	16.58	169	268719	41.096	ng		99
66) 4-Bromophenyl-phenylether	17.26	248	134201	41.343	ng		97
67) Hexachlorobenzene	17.38	284	143264	39.882	ng	#	89
68) Atrazine	17.50	200	129126	46.001	ng		98
69) Pentachlorophenol	17.72	266	179411	79.727	ng		98
70) Phenanthrene	18.13	178	504887	41.320	ng		99
71) Anthracene	18.22	178	518189	42.592	ng		99
72) Carbazole	18.48	167	447230	41.604	ng		99
73) Di-n-butylphthalate	18.98	149	516196	43.371	ng		99
74) Fluoranthene	20.09	202	680456	42.464	ng		95
76) Benzidine	20.25	184	225140	40.228	ng		99
77) Pyrene	20.45	202	683395	39.093	ng		98
79) Butylbenzylphthalate	21.31	149	235506	42.711	ng	#	76
80) Benzo(a)anthracene	22.39	228	738290	41.783	ng		99
81) 3,3'-Dichlorobenzidine	22.28	252	152782	22.317	ng	#	98
82) Chrysene	22.46	228	696721	40.830	ng		98
83) Bis(2-ethylhexyl)phthalate	22.23	149	335415	42.901	ng	#	99
84) Di-n-octyl phthalate	23.60	149	583313	47.038	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.35	276	939149	43.506	ng	#	87
87) Benzo(b)fluoranthene	24.91	252	783066	41.166	ng	#	95
88) Benzo(k)fluoranthene	24.99	252	781344	41.465	ng	#	96
89) Benzo(a)pyrene	25.92	252	763617	42.108	ng	#	96
90) Dibenzo(a,h)anthracene	30.43	278	790839	42.630	ng	#	94
91) Benzo(g,h,i)perylene	31.71	276	779619	42.339	ng	#	90

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

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