Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032010.D
Acq On : 12 Jan 2018 20:00
Operator : SJ/JU
Sample : J1010-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-02-011118MSD

Quant Time: Jan 13 02:54:48 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	58385	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	247009	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	171110	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	430389	20.00	ng		0.00
75) Chrysene-d12	22.48	240	478421	20.00	ng		0.00
86) Perylene-d12	26.20	264	536000	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	421511	132.04	ng		0.00
7) Phenol-d6	7.88	99	497242	123.68	ng		0.00
23) Nitrobenzene-d5	9.97	82	335676	91.94	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	402250	142.06	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	1205650	87.37	ng		0.00
78) Terphenyl-d14	20.67	244	2048390	94.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	40423	32.960	ng	#	75
3) Pyridine	4.32	79	106788	32.621	ng	#	80
4) n-Nitrosodimethylamine	4.22	42	55440	48.205	ng	#	86
6) Aniline	8.06	93	73637	14.521	ng		93
8) 2-Chlorophenol	8.32	128	179233	50.175	ng	#	79
9) Benzaldehyde	7.86	77	29952	12.858	ng		89
10) Phenol	7.91	94	178186	44.991	ng		91
11) bis(2-Chloroethyl)ether	8.16	93	144680	45.598	ng	#	83
12) 1,3-Dichlorobenzene	8.66	146	198260	42.407	ng	#	94
13) 1,4-Dichlorobenzene	8.81	146	199412	42.362	ng		96
14) 1,2-Dichlorobenzene	9.15	146	192888	42.365	ng		96
15) Benzyl Alcohol	9.01	79	150749	51.614	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.30	45	151074	46.851	ng		79
17) 2-Methylphenol	9.21	107	143726	47.486	ng		97
18) Hexachloroethane	9.90	117	62851	43.444	ng	#	86
19) n-Nitroso-di-n-propylamine	9.59	70	119215	47.790	ng	#	86
20) 3+4-Methylphenols	9.55	107	198408	47.319	ng		96
22) Acetophenone	9.62	105	266712	47.535	ng	#	87
24) Nitrobenzene	10.02	77	172285	47.307	ng	#	85
25) Isophorone	10.54	82	344374	50.655	ng	#	85
26) 2-Nitrophenol	10.74	139	109808	50.886	ng	#	80
27) 2,4-Dimethylphenol	10.78	122	186318	54.409	ng		90
28) bis(2-Chloroethoxy)methane	11.02	93	213394	52.098	ng	#	90
29) 2,4-Dichlorophenol	11.28	162	221597	52.591	ng		92
30) 1,2,4-Trichlorobenzene	11.51	180	240682	44.229	ng		99
31) Naphthalene	11.71	128	620362	50.699	ng		98
32) Benzoic acid	10.91	122	115699	42.762	ng	#	82
33) 4-Chloroaniline	11.80	127	18781	3.579	ng	#	86
34) Hexachlorobutadiene	11.98	225	165708	42.397	ng		95
35) Caprolactam	12.55	113	54049	42.282	ng	#	48
36) 4-Chloro-3-methylphenol	12.88	107	206896	53.645	ng	#	78
37) 2-Methylnaphthalene	13.27	142	477300	49.132	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	340441	45.644	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	391074	93.091	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	217781	51.965	ng		96
43) 2,4,5-Trichlorophenol	13.92	196	234477	48.337	ng	#	89
45) 1,1'-Biphenyl	14.25	154	685247	46.715	ng		94
46) 2-Chloronaphthalene	14.30	162	522841	45.817	ng		94
47) 2-Nitroaniline	14.49	65	114148	52.252	ng	#	62
48) Acenaphthylene	15.14	152	785528	45.204	ng		99
49) Dimethylphthalate	14.84	163	705256	47.100	ng	#	98
50) 2,6-Dinitrotoluene	14.96	165	159711	51.387	ng	#	64
51) Acenaphthene	15.47	154	611091	53.182	ng		98
52) 3-Nitroaniline	15.29	138	36012	12.829	ng	#	73
53) 2,4-Dinitrophenol	15.50	184	199672	123.886	ng	#	52
54) Dibenzofuran	15.80	168	828980	48.362	ng		99
55) 4-Nitrophenol	15.58	139	213307	104.270	ng	#	70
56) 2,4-Dinitrotoluene	15.74	165	226878	54.220	ng	#	63
57) Fluorene	16.44	166	664399	47.260	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.01	232	244704	54.530	ng	#	84
59) Diethylphthalate	16.18	149	687906	47.389	ng		96
60) 4-Chlorophenyl-phenylether	16.42	204	415504	48.181	ng		93
61) 4-Nitroaniline	16.45	138	111037	41.236	ng		81
62) Azobenzene	16.71	77	447853	49.292	ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	129260	47.032	ng	#	68
65) n-Nitrosodiphenylamine	16.63	169	619685	47.450	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	298016	48.666	ng		94
67) Hexachlorobenzene	17.44	284	311985	46.050	ng	#	89
68) Atrazine	17.56	200	280578	51.086	ng		97
69) Pentachlorophenol	17.78	266	408027	94.224	ng		97
70) Phenanthrene	18.18	178	1121066	46.784	ng		98
71) Anthracene	18.27	178	1134257	47.459	ng		99
72) Carbazole	18.53	167	987304	47.621	ng		100
73) Di-n-butylphthalate	19.03	149	1139660	46.519	ng		99
74) Fluoranthene	20.14	202	1384746	46.155	ng		95
76) Benzidine	20.30	184	155455	12.994	ng		99
77) Pyrene	20.50	202	1396731	46.441	ng		96
79) Butylbenzylphthalate	21.36	149	519470	48.208	ng	#	77
80) Benzo(a)anthracene	22.46	228	1428485	48.011	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	144655	13.015	ng	#	98
82) Chrysene	22.54	228	1352000	47.316	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	729763	46.183	ng	#	97
84) Di-n-octyl phthalate	23.69	149	1266367	50.460	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.53	276	1797930	51.415	ng	#	87
87) Benzo(b)fluoranthene	25.01	252	1572264	48.529	ng	#	96
88) Benzo(k)fluoranthene	25.09	252	1508078	47.636	ng	#	95
89) Benzo(a)pyrene	26.03	252	1508171	49.210	ng	#	97
90) Dibenzo(a,h)anthracene	30.61	278	1472182	49.848	ng	#	95
91) Benzo(g,h,i)perylene	31.89	276	1520170	50.361	ng	#	94

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

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