Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032447.D
Acq On : 30 Jan 2018 18:29
Operator : SJ/JU
Sample : J1019-12MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-03-012918-AMSD

Quant Time: Jan 31 00:44:14 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	30926	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	117503	20.00	ng		-0.01
38) Acenaphthene-d10	15.35	164	81256	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	211696	20.00	ng		0.00
75) Chrysene-d12	22.41	240	270719	20.00	ng		0.00
86) Perylene-d12	26.08	264	299892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	219234	142.39	ng		0.00
7) Phenol-d6	7.84	99	247332	120.38	ng		0.01
23) Nitrobenzene-d5	9.92	82	181556	96.51	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	235484	152.25	ng		-0.01
44) 2-Fluorobiphenyl	13.98	172	635172	92.91	ng		-0.01
78) Terphenyl-d14	20.62	244	1312494	103.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	21587	41.670	ng	#	74
3) Pyridine	4.29	79	51358	36.716	ng	#	78
4) n-Nitrosodimethylamine	4.18	42	36483	50.103	ng	#	75
6) Aniline	8.02	93	33087	12.916	ng		95
8) 2-Chlorophenol	8.26	128	91255	50.139	ng	#	81
9) Benzaldehyde	7.82	77	31080	29.288	ng	#	79
10) Phenol	7.87	94	81853	41.951	ng		85
11) bis(2-Chloroethyl)ether	8.10	93	67916	45.683	ng	#	82
12) 1,3-Dichlorobenzene	8.60	146	110540	44.910	ng		97
13) 1,4-Dichlorobenzene	8.75	146	111186	45.070	ng		96
14) 1,2-Dichlorobenzene	9.08	146	107108	44.320	ng		100
15) Benzyl Alcohol	8.95	79	74788	44.166	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.25	45	60105	42.665	ng		63
17) 2-Methylphenol	9.16	107	69540	43.882	ng		96
18) Hexachloroethane	9.83	117	38492	46.472	ng		85
19) n-Nitroso-di-n-propylamine	9.53	70	57648	42.317	ng	#	92
20) 3+4-Methylphenols	9.49	107	94171	42.365	ng		96
22) Acetophenone	9.56	105	129459	47.001	ng	#	93
24) Nitrobenzene	9.96	77	94354	51.868	ng	#	89
25) Isophorone	10.48	82	162762	50.812	ng	#	84
26) 2-Nitrophenol	10.69	139	57051	51.881	ng	#	83
27) 2,4-Dimethylphenol	10.73	122	88853	56.295	ng		94
28) bis(2-Chloroethoxy)methane	10.96	93	93173	53.043	ng	#	96
29) 2,4-Dichlorophenol	11.23	162	110303	52.755	ng		91
30) 1,2,4-Trichlorobenzene	11.45	180	128633	46.159	ng		95
31) Naphthalene	11.64	128	279519	48.706	ng		99
32) Benzoic acid	10.83	122	18023	20.268	ng	#	74
33) 4-Chloroaniline	11.75	127	9075	3.545	ng	#	90
34) Hexachlorobutadiene	11.91	225	99946	46.097	ng		96
35) Caprolactam	12.50	113	25553	42.572	ng	#	40
36) 4-Chloro-3-methylphenol	12.83	107	101620	51.238	ng	#	83
37) 2-Methylnaphthalene	13.21	142	227266	47.137	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	177942	46.810	ng	#	96
40) Hexachlorocyclopentadiene	13.54	237	226010	95.156	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	110817	53.594	ng		96
43) 2,4,5-Trichlorophenol	13.88	196	121744	50.508	ng	#	91
45) 1,1'-Biphenyl	14.19	154	321099	46.774	ng		94
46) 2-Chloronaphthalene	14.24	162	254596	47.317	ng		95
47) 2-Nitroaniline	14.43	65	58163	48.882	ng	#	75
48) Acenaphthylene	15.08	152	385789	47.428	ng		99
49) Dimethylphthalate	14.78	163	354623	47.332	ng		99
50) 2,6-Dinitrotoluene	14.91	165	78792	50.106	ng	#	77
51) Acenaphthene	15.41	154	286120	50.720	ng		100
52) 3-Nitroaniline	15.24	138	18585	13.531	ng	#	77
53) 2,4-Dinitrophenol	15.44	184	67835	69.667	ng	#	59
54) Dibenzofuran	15.74	168	413231	49.491	ng		98
55) 4-Nitrophenol	15.54	139	98930	96.208	ng	#	76
56) 2,4-Dinitrotoluene	15.69	165	114590	51.180	ng	#	71
57) Fluorene	16.38	166	334334	48.187	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	130166	54.753	ng	#	86
59) Diethylphthalate	16.12	149	354535	48.586	ng		97
60) 4-Chlorophenyl-phenylether	16.36	204	210760	48.172	ng		95
61) 4-Nitroaniline	16.40	138	57300	38.922	ng		83
62) Azobenzene	16.65	77	211899	48.593	ng		82
64) 4,6-Dinitro-2-methylphenol	16.45	198	61414	38.833	ng	#	70
65) n-Nitrosodiphenylamine	16.58	169	315085	49.873	ng		99
66) 4-Bromophenyl-phenylether	17.25	248	156562	49.920	ng		96
67) Hexachlorobenzene	17.38	284	166110	47.860	ng	#	91
68) Atrazine	17.51	200	150380	55.448	ng		94
69) Pentachlorophenol	17.72	266	201041	92.466	ng		98
70) Phenanthrene	18.12	178	584389	49.501	ng		99
71) Anthracene	18.22	178	595373	50.648	ng		99
72) Carbazole	18.48	167	517009	49.778	ng		98
73) Di-n-butylphthalate	18.98	149	599776	52.158	ng		99
74) Fluoranthene	20.09	202	785893	50.761	ng		95
76) Benzidine	20.25	184	136386	25.657	ng		98
77) Pyrene	20.44	202	793681	47.800	ng		98
79) Butylbenzylphthalate	21.30	149	277093	52.907	ng	#	77
80) Benzo(a)anthracene	22.39	228	859753	51.227	ng		100
81) 3,3'-Dichlorobenzidine	22.28	252	90958	13.988	ng	#	95
82) Chrysene	22.47	228	797884	49.228	ng		99
83) Bis(2-ethylhexyl)phthalate	22.23	149	390745	52.618	ng	#	98
84) Di-n-octyl phthalate	23.60	149	679498	57.689	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	1090163	53.169	ng	#	87
87) Benzo(b)fluoranthene	24.91	252	905209	49.956	ng	#	95
88) Benzo(k)fluoranthene	24.99	252	905202	50.428	ng	#	95
89) Benzo(a)pyrene	25.91	252	883338	51.134	ng	#	95
90) Dibenzo(a,h)anthracene	30.43	278	914665	51.758	ng	#	95
91) Benzo(g,h,i)perylene	31.70	276	911579	51.969	ng	#	92

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

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