Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032613.D
Acq On : 8 Feb 2018 16:48
Operator : SJ/JU
Sample : J1404-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-020718MSD

Quant Time: Feb 09 02:34:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	32143	20.00	ng		-0.03
21) Naphthalene-d8	11.56	136	134502	20.00	ng		-0.02
38) Acenaphthene-d10	15.32	164	99977	20.00	ng		-0.02
63) Phenanthrene-d10	18.07	188	272753	20.00	ng		-0.01
75) Chrysene-d12	22.40	240	335372	20.00	ng		-0.01
86) Perylene-d12	26.07	264	366040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	240086	150.03	ng		-0.02
7) Phenol-d6	7.81	99	282632	132.35	ng		-0.02
23) Nitrobenzene-d5	9.89	82	216386	100.49	ng		-0.02
41) 2,4,6-Tribromophenol	16.81	330	271493	142.66	ng		-0.01
44) 2-Fluorobiphenyl	13.95	172	755828	89.86	ng		-0.02
78) Terphenyl-d14	20.60	244	1540134	98.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	23259	43.198	ng	#	74
3) Pyridine	4.25	79	45991	31.634	ng		90
4) n-Nitrosodimethylamine	4.15	42	41452	54.771	ng	#	69
6) Aniline	7.98	93	38630	14.509	ng		97
8) 2-Chlorophenol	8.24	128	97173	51.369	ng	#	82
9) Benzaldehyde	7.79	77	23218	21.051	ng		92
10) Phenol	7.84	94	89611	44.188	ng		86
11) bis(2-Chloroethyl)ether	8.07	93	74271	48.066	ng	#	80
12) 1,3-Dichlorobenzene	8.56	146	113421	44.336	ng		96
13) 1,4-Dichlorobenzene	8.72	146	116245	45.336	ng		97
14) 1,2-Dichlorobenzene	9.05	146	111581	44.423	ng		97
15) Benzyl Alcohol	8.92	79	85314	48.475	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.21	45	75812	51.777	ng		67
17) 2-Methylphenol	9.12	107	74076	44.975	ng	#	93
18) Hexachloroethane	9.80	117	40179	46.672	ng	#	81
19) n-Nitroso-di-n-propylamine	9.50	70	66773	47.159	ng	#	93
20) 3+4-Methylphenols	9.46	107	102204	44.238	ng		94
22) Acetophenone	9.53	105	137195	43.514	ng	#	96
24) Nitrobenzene	9.93	77	101318	48.657	ng		95
25) Isophorone	10.45	82	192756	52.570	ng	#	84
26) 2-Nitrophenol	10.65	139	57436	45.630	ng	#	85
27) 2,4-Dimethylphenol	10.69	122	93689	51.857	ng		88
28) bis(2-Chloroethoxy)methane	10.93	93	104490	51.968	ng	#	94
29) 2,4-Dichlorophenol	11.20	162	122241	51.075	ng		88
30) 1,2,4-Trichlorobenzene	11.41	180	138017	43.267	ng		95
31) Naphthalene	11.61	128	341134	51.929	ng		98
32) Benzoic acid	10.82	122	54394	41.518	ng	#	74
33) 4-Chloroaniline	11.71	127	16711	5.703	ng	#	92
34) Hexachlorobutadiene	11.88	225	108031	43.529	ng		93
35) Caprolactam	12.47	113	28451	41.409	ng	#	52
36) 4-Chloro-3-methylphenol	12.80	107	119098	52.461	ng	#	89
37) 2-Methylnaphthalene	13.18	142	262570	47.577	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	209258	44.740	ng		96
40) Hexachlorocyclopentadiene	13.51	237	270733	92.642	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	128919	50.673	ng		97
43) 2,4,5-Trichlorophenol	13.85	196	148095	49.935	ng	#	92
45) 1,1'-Biphenyl	14.16	154	377528	44.696	ng		94
46) 2-Chloronaphthalene	14.21	162	296542	44.793	ng		97
47) 2-Nitroaniline	14.41	65	76757	52.429	ng	#	82
48) Acenaphthylene	15.05	152	451150	45.078	ng		99
49) Dimethylphthalate	14.76	163	421412	45.715	ng		99
50) 2,6-Dinitrotoluene	14.89	165	93814	48.487	ng	#	80
51) Acenaphthene	15.39	154	365276	52.626	ng		97
52) 3-Nitroaniline	15.22	138	18590	11.000	ng	#	76
53) 2,4-Dinitrophenol	15.43	184	116689	95.766	ng	#	54
54) Dibenzofuran	15.72	168	497783	48.454	ng		99
55) 4-Nitrophenol	15.52	139	112442	88.872	ng	#	77
56) 2,4-Dinitrotoluene	15.67	165	140884	51.141	ng	#	69
57) Fluorene	16.37	166	406926	47.667	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.94	232	163492	55.893	ng	#	84
59) Diethylphthalate	16.10	149	423830	47.206	ng		95
60) 4-Chlorophenyl-phenylether	16.34	204	263577	48.963	ng		93
61) 4-Nitroaniline	16.39	138	66949	36.961	ng	#	77
62) Azobenzene	16.64	77	274557	51.172	ng		85
64) 4,6-Dinitro-2-methylphenol	16.43	198	89671	44.007	ng	#	67
65) n-Nitrosodiphenylamine	16.56	169	382855	47.035	ng		98
66) 4-Bromophenyl-phenylether	17.24	248	190819	47.223	ng		97
67) Hexachlorobenzene	17.37	284	193975	43.378	ng	#	93
68) Atrazine	17.48	200	173833	49.748	ng		98
69) Pentachlorophenol	17.71	266	252098	89.994	ng		97
70) Phenanthrene	18.11	178	708948	46.609	ng		99
71) Anthracene	18.20	178	734500	48.497	ng		98
72) Carbazole	18.46	167	611691	45.711	ng		99
73) Di-n-butylphthalate	18.97	149	689676	46.550	ng		98
74) Fluoranthene	20.07	202	941113	47.179	ng		95
76) Benzidine	20.25	184	63625	9.662	ng		95
77) Pyrene	20.43	202	946625	46.020	ng		98
79) Butylbenzylphthalate	21.29	149	321532	49.557	ng	#	78
80) Benzo(a)anthracene	22.38	228	1005021	48.339	ng		98
81) 3,3'-Dichlorobenzidine	22.27	252	180751	22.438	ng	#	96
82) Chrysene	22.45	228	967456	48.183	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	450733	48.995	ng	#	97
84) Di-n-octyl phthalate	23.58	149	783794	53.715	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.33	276	1226376	48.282	ng	#	85
87) Benzo(b)fluoranthene	24.89	252	1045951	47.292	ng	#	95
88) Benzo(k)fluoranthene	24.97	252	1073713	49.007	ng	#	96
89) Benzo(a)pyrene	25.90	252	1037020	49.182	ng	#	95
90) Dibenzo(a,h)anthracene	30.40	278	1018024	47.197	ng	#	91
91) Benzo(g,h,i)perylene	31.67	276	1020407	47.661	ng	#	90

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

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