Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
Data File : BG026591.D
Acq On : 7 Apr 2017 7:52
Operator : SJ/MA
Sample : I2574-06MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B45-S1(0-2)MS

Quant Time: Apr 07 08:27:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	165004	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	673422	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	407352	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	964130	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1075806	20.00	ng		0.00
86) Perylene-d12	24.81	264	1072057	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1379144	148.35	ng		0.00
7) Phenol-d6	7.21	99	1802696	144.44	ng		0.00
23) Nitrobenzene-d5	9.20	82	991921	88.57	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	758763	162.65	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2461139	84.73	ng		0.00
78) Terphenyl-d14	19.98	244	3189088	71.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	149168	35.75	ng	#	66
3) Pyridine	3.90	79	225699	19.75	ng	#	61
4) n-Nitrosodimethylamine	3.81	42	122864	39.34	ng	#	1
6) Aniline	7.37	93	505168	30.30	ng	#	88
8) 2-Chlorophenol	7.61	128	503234	48.07	ng	#	79
9) Benzaldehyde	7.18	77	199303	23.65	ng	#	62
10) Phenol	7.23	94	706634	53.05	ng	#	70
11) bis(2-Chloroethyl)ether	7.46	93	447280	40.95	ng	#	80
12) 1,3-Dichlorobenzene	7.93	146	547098	43.90	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	558539	44.31	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	532557	44.14	ng	#	91
15) Benzyl Alcohol	8.28	79	304409	37.20	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.57	45	437688	36.09	ng		79
17) 2-Methylphenol	8.48	107	419372	44.34	ng	#	79
18) Hexachloroethane	9.12	117	179485	43.54	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	314861	39.24	ng	#	70
20) 3+4-Methylphenols	8.81	107	584013	44.85	ng		85
22) Acetophenone	8.86	105	696309	44.96	ng	#	73
24) Nitrobenzene	9.24	77	462274	41.80	ng	#	69
25) Isophorone	9.76	82	911982	43.20	ng	#	90
26) 2-Nitrophenol	9.95	139	288704	50.17	ng	#	64
27) 2,4-Dimethylphenol	10.01	122	465090	49.24	ng		85
28) bis(2-Chloroethoxy)methane	10.24	93	599584	43.72	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	510372	53.43	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	521647	48.62	ng		100
31) Naphthalene	10.89	128	1499305	44.03	ng		99
32) Benzoic acid	10.13	122	176592	24.30	ng	#	78
33) 4-Chloroaniline	11.00	127	179528	12.96	ng	#	81
34) Hexachlorobutadiene	11.17	225	301753	47.67	ng		98
35) Caprolactam	11.76	113	194629m	51.71	ng		
36) 4-Chloro-3-methylphenol	12.11	107	491760	48.13	ng	#	72
37) 2-Methylnaphthalene	12.49	142	1147847	46.02	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	553171	45.13	ng		97
40) Hexachlorocyclopentadiene	12.84	237	607253	94.13	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	408047	50.85	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	430826	48.57	ng	#	92
45) 1,1'-Biphenyl	13.48	154	1437443	42.61	ng		99
46) 2-Chloronaphthalene	13.53	162	1099385	44.62	ng		96
47) 2-Nitroaniline	13.73	65	287106	40.97	ng	#	51
48) Acenaphthylene	14.37	152	1778258	41.40	ng		99
49) Dimethylphthalate	14.10	163	1956209	63.62	ng		99
50) 2,6-Dinitrotoluene	14.22	165	338200	47.13	ng	#	54
51) Acenaphthene	14.71	154	1131600	42.78	ng		99
52) 3-Nitroaniline	14.55	138	263862	33.40	ng	#	65
53) 2,4-Dinitrophenol	14.76	184	390327	93.76	ng	#	74
54) Dibenzofuran	15.05	168	1735556	46.60	ng		90
55) 4-Nitrophenol	14.86	139	578368	89.39	ng	#	39
56) 2,4-Dinitrotoluene	15.01	165	477123	47.27	ng	#	68
57) Fluorene	15.69	166	1419781	42.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	401721	51.93	ng	#	95
59) Diethylphthalate	15.45	149	1383901	44.04	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	712575	45.37	ng		89
61) 4-Nitroaniline	15.71	138	376918	45.10	ng	#	51
62) Azobenzene	15.97	77	1100071	43.05	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	300587	49.45	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1264129	44.68	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	475205	47.89	ng		94
67) Hexachlorobenzene	16.70	284	506668	47.86	ng	#	87
68) Atrazine	16.83	200	461255	43.06	ng		98
69) Pentachlorophenol	17.04	266	625412	90.87	ng		95
70) Phenanthrene	17.43	178	2158834	41.70	ng		98
71) Anthracene	17.51	178	2246265	42.52	ng		98
72) Carbazole	17.78	167	2173494	39.96	ng		97
73) Di-n-butylphthalate	18.33	149	2348548	42.03	ng	#	94
74) Fluoranthene	19.42	202	2528932	41.54	ng		97
76) Benzidine	19.61	184	178299	4.81	ng		99
77) Pyrene	19.79	202	2554970	41.02	ng		99
79) Butylbenzylphthalate	20.66	149	1107157	44.42	ng	#	85
80) Benzo(a)anthracene	21.61	228	2529800	41.79	ng		100
81) 3,3'-Dichlorobenzidine	21.52	252	846305	34.15	ng	#	96
82) Chrysene	21.67	228	2319586	40.10	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1610945	42.79	ng		96
84) Di-n-octyl phthalate	22.70	149	2718740	42.32	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.44	276	3174526	44.45	ng	#	89
87) Benzo(b)fluoranthene	23.80	252	2712720	42.92	ng	#	96
88) Benzo(k)fluoranthene	23.87	252	2548565	41.58	ng	#	96
89) Benzo(a)pyrene	24.66	252	2608143	43.03	ng	#	96
90) Dibenzo(a,h)anthracene	28.50	278	2646440	43.20	ng	#	92
91) Benzo(g,h,i)perylene	29.57	276	2650956	42.95	ng	#	89

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

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