Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
Data File : BG026373.D
Acq On : 22 Mar 2017 12:01
Operator : SJ/MA
Sample : I2304-11MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPA-B6(0-5)MSD

Manual Integrations APPROVED
mohammad
3/23/2017 2:06:54 PM

Quant Time: Mar 22 19:14:58 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	8.05	152	142786	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	645738	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	376962	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	821747	20.00	ng		0.00
75) Chrysene-d12	21.64	240	868717	20.00	ng		0.00
86) Perylene-d12	24.83	264	854060	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1174636	146.01	ng		0.00
7) Phenol-d6	7.21	99	1610040	149.07	ng		0.00
23) Nitrobenzene-d5	9.21	82	883575	82.27	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	613340	142.08	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2234137	83.11	ng		0.00
78) Terphenyl-d14	19.99	244	2652026	74.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	117702	32.60	ng	#	72
3) Pyridine	3.90	79	364575	36.87	ng	#	62
4) n-Nitrosodimethylamine	3.81	42	110084	40.73	ng	#	1
6) Aniline	7.37	93	249064	17.26	ng	#	89
8) 2-Chlorophenol	7.62	128	482887	53.31	ng	#	81
9) Benzaldehyde	7.18	77	190545	26.13	ng	#	69
10) Phenol	7.24	94	707121	61.35	ng	#	70
11) bis(2-Chloroethyl)ether	7.47	93	435718	46.10	ng	#	82
12) 1,3-Dichlorobenzene	7.94	146	497408	46.13	ng	#	84
13) 1,4-Dichlorobenzene	8.08	146	506430m	46.43	ng		
14) 1,2-Dichlorobenzene	8.41	146	487859	46.73	ng	#	89
15) Benzyl Alcohol	8.28	79	375433	53.02	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.58	45	438794	41.81	ng		81
17) 2-Methylphenol	8.49	107	425805	52.02	ng	#	80
18) Hexachloroethane	9.13	117	165447	46.38	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	322196	46.41	ng	#	70
20) 3+4-Methylphenols	8.82	107	596928	52.97	ng		86
22) Acetophenone	8.87	105	694842	46.79	ng	#	73
24) Nitrobenzene	9.25	77	469818	44.31	ng	#	73
25) Isophorone	9.77	82	931232	46.01	ng	#	88
26) 2-Nitrophenol	9.96	139	287228	52.06	ng	#	61
27) 2,4-Dimethylphenol	10.02	122	485256	53.58	ng		85
28) bis(2-Chloroethoxy)methane	10.25	93	614236	46.71	ng	#	98
29) 2,4-Dichlorophenol	10.50	162	510252	55.71	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	512766	49.84	ng		100
31) Naphthalene	10.90	128	1490611	45.66	ng		100
32) Benzoic acid	10.10	122	60781	8.72	ng	#	63
33) 4-Chloroaniline	11.00	127	164736	12.41	ng	#	83
34) Hexachlorobutadiene	11.18	225	290725	47.89	ng		98
35) Caprolactam	11.77	113	169736m	47.03	ng		
36) 4-Chloro-3-methylphenol	12.12	107	504552	51.50	ng	#	74
37) 2-Methylnaphthalene	12.49	142	1164923	48.71	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	545991	48.14	ng		97
40) Hexachlorocyclopentadiene	12.85	237	332993	55.78	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	400181	53.89	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	411949	50.19	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1446085	46.32	ng		100
46) 2-Chloronaphthalene	13.54	162	1095805	48.06	ng		96
47) 2-Nitroaniline	13.73	65	303482	46.80	ng	#	56
48) Acenaphthylene	14.38	152	1729372	43.51	ng		99
49) Dimethylphthalate	14.11	163	1565170	55.01	ng		98
50) 2,6-Dinitrotoluene	14.23	165	326404	49.15	ng	#	58
51) Acenaphthene	14.72	154	1118109	45.68	ng		98
52) 3-Nitroaniline	14.55	138	194747	26.63	ng	#	66
53) 2,4-Dinitrophenol	14.76	184	85072	22.08	ng	#	77
54) Dibenzofuran	15.05	168	1675843	48.63	ng		90
55) 4-Nitrophenol	14.86	139	503747	84.13	ng	#	40
56) 2,4-Dinitrotoluene	15.02	165	452727	48.47	ng	#	68
57) Fluorene	15.70	166	1356620	44.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	358832	50.12	ng		98
59) Diethylphthalate	15.46	149	1324863	45.56	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	668424	45.99	ng		90
61) 4-Nitroaniline	15.71	138	330481	42.73	ng	#	50
62) Azobenzene	15.98	77	1107707	46.85	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	168034	32.43	ng		84
65) n-Nitrosodiphenylamine	15.90	169	1202552	49.86	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	435063	51.44	ng		94
67) Hexachlorobenzene	16.70	284	444091	49.22	ng		92
68) Atrazine	16.84	200	438753	48.06	ng		98
69) Pentachlorophenol	17.04	266	490893	83.68	ng		97
70) Phenanthrene	17.43	178	2007497	45.49	ng		99
71) Anthracene	17.52	178	2054441	45.63	ng		99
72) Carbazole	17.79	167	1947693	42.02	ng		97
73) Di-n-butylphthalate	18.33	149	2117617	44.46	ng	#	95
74) Fluoranthene	19.43	202	2208715	42.56	ng		96
76) Benzidine	19.60	184	243662	8.14	ng		97
77) Pyrene	19.79	202	2229185	44.32	ng		99
79) Butylbenzylphthalate	20.67	149	996069	49.49	ng	#	83
80) Benzo(a)anthracene	21.62	228	2178399	44.56	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	259989	12.99	ng	#	98
82) Chrysene	21.68	228	2012551	43.09	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1455010	47.86	ng		97
84) Di-n-octyl phthalate	22.71	149	2431170	46.86	ng	#	82
85) Indeno(1,2,3-cd)pyrene	28.46	276	2634375	45.68	ng	#	88
87) Benzo(b)fluoranthene	23.82	252	2276426	45.22	ng	#	96
88) Benzo(k)fluoranthene	23.89	252	2149879	44.03	ng	#	94
89) Benzo(a)pyrene	24.68	252	2151270	44.55	ng	#	95
90) Dibenzo(a,h)anthracene	28.52	278	2197314	45.02	ng	#	92
91) Benzo(g,h,i)perylene	29.62	276	2173624	44.20	ng	#	90

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

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