Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
Data File : BG026621.D
Acq On : 11 Apr 2017 17:48
Operator : SJ/MA
Sample : PB98177BS
Misc : For Confirmation
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98177BS

Manual Integrations APPROVED
mohammad
4/12/2017 5:13:00 PM

Quant Time: Apr 12 05:48:22 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	167045	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	702586	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	436179	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1055725	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1152382	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1165899	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	842544	89.52	ng		0.00
7) Phenol-d6	7.20	99	1136606	89.96	ng		0.00
23) Nitrobenzene-d5	9.19	82	883021	75.57	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	521909	104.49	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	2511124	80.74	ng		-0.01
78) Terphenyl-d14	19.97	244	3467734	73.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	118524	28.06	ng	#	70
3) Pyridine	3.89	79	343566	29.70	ng	#	60
4) n-Nitrosodimethylamine	3.81	42	111538	35.27	ng	#	1
6) Aniline	7.36	93	595510	35.28	ng	#	86
8) 2-Chlorophenol	7.60	128	485572	45.82	ng	#	78
9) Benzaldehyde	7.17	77	97125	11.39	ng	#	64
10) Phenol	7.23	94	602409	44.68	ng	#	69
11) bis(2-Chloroethyl)ether	7.45	93	422696	38.23	ng	#	80
12) 1,3-Dichlorobenzene	7.92	146	495200	39.25	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	507626	39.78	ng	#	91
14) 1,2-Dichlorobenzene	8.39	146	487028	39.88	ng	#	90
15) Benzyl Alcohol	8.27	79	332219	40.10	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.56	45	398833	32.48	ng		77
17) 2-Methylphenol	8.48	107	420591	43.92	ng	#	79
18) Hexachloroethane	9.12	117	156633	37.53	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	312881	38.52	ng	#	69
20) 3+4-Methylphenols	8.80	107	584221	44.31	ng		83
22) Acetophenone	8.85	105	663571	41.07	ng	#	73
24) Nitrobenzene	9.23	77	454759	39.42	ng	#	70
25) Isophorone	9.76	82	894611	40.62	ng	#	87
26) 2-Nitrophenol	9.95	139	282509	47.06	ng	#	61
27) 2,4-Dimethylphenol	10.00	122	482771	48.99	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	593475	41.48	ng	#	97
29) 2,4-Dichlorophenol	10.48	162	512176	51.39	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	503359	44.97	ng		99
31) Naphthalene	10.89	128	1462368	41.17	ng		100
32) Benzoic acid	10.15	122	291381	38.43	ng	#	70
33) 4-Chloroaniline	10.99	127	351055	24.30	ng	#	80
34) Hexachlorobutadiene	11.17	225	289632	43.85	ng		98
35) Caprolactam	11.76	113	184129m	46.89	ng		
36) 4-Chloro-3-methylphenol	12.11	107	513756	48.19	ng	#	74
37) 2-Methylnaphthalene	12.48	142	1163239	44.70	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	560878	42.74	ng		97
40) Hexachlorocyclopentadiene	12.83	237	646406	93.57	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	417517	48.59	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	443898	46.74	ng	#	91
45) 1,1'-Biphenyl	13.48	154	1502280	41.59	ng		99
46) 2-Chloronaphthalene	13.52	162	1138451	43.15	ng		96
47) 2-Nitroaniline	13.72	65	305338	40.70	ng	#	51
48) Acenaphthylene	14.36	152	1885401	40.99	ng		100
49) Dimethylphthalate	14.09	163	1500165	45.57	ng		99
50) 2,6-Dinitrotoluene	14.21	165	363635	47.32	ng	#	60
51) Acenaphthene	14.70	154	1188955	41.98	ng		99
52) 3-Nitroaniline	14.55	138	283548	33.51	ng	#	64
53) 2,4-Dinitrophenol	14.75	184	448140	100.54	ng	#	76
54) Dibenzofuran	15.04	168	1844885	46.27	ng		90
55) 4-Nitrophenol	14.86	139	643896	92.94	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	521692	48.27	ng	#	64
57) Fluorene	15.69	166	1519704	42.83	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	435389	52.56	ng	#	94
59) Diethylphthalate	15.44	149	1512257	44.94	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	768127	45.68	ng		88
61) 4-Nitroaniline	15.70	138	410571	45.88	ng	#	48
62) Azobenzene	15.96	77	1189318	43.47	ng		78
64) 4,6-Dinitro-2-methylphenol	15.76	198	332224	49.91	ng		83
65) n-Nitrosodiphenylamine	15.89	169	1368949	44.18	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	524711	48.29	ng		95
67) Hexachlorobenzene	16.69	284	565455	48.78	ng	#	87
68) Atrazine	16.83	200	461806	39.37	ng		96
69) Pentachlorophenol	17.03	266	679302	90.14	ng		98
70) Phenanthrene	17.42	178	2382664	42.03	ng		99
71) Anthracene	17.51	178	2470801	42.72	ng		97
72) Carbazole	17.78	167	2333993	39.19	ng		97
73) Di-n-butylphthalate	18.32	149	2547363	41.63	ng	#	96
74) Fluoranthene	19.42	202	2795142	41.93	ng		97
76) Benzidine	19.59	184	1159115	29.17	ng		98
77) Pyrene	19.78	202	2820276	42.27	ng		97
79) Butylbenzylphthalate	20.65	149	1202406	45.04	ng	#	84
80) Benzo(a)anthracene	21.60	228	2726551	42.04	ng		98
81) 3,3'-Dichlorobenzidine	21.51	252	932200	35.11	ng		98
82) Chrysene	21.67	228	2562449	41.36	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	1695080	42.04	ng		97
84) Di-n-octyl phthalate	22.68	149	2876276	41.80	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	3566485	46.62	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	2905195	42.27	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	2911050	43.68	ng	#	96
89) Benzo(a)pyrene	24.65	252	2866849	43.49	ng	#	96
90) Dibenzo(a,h)anthracene	28.46	278	2992203	44.91	ng	#	93
91) Benzo(g,h,i)perylene	29.55	276	2988651	44.52	ng	#	87

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

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