Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026028.D
Acq On : 2 Mar 2017 14:00
Operator : SJ/MA
Sample : PB97261BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97261BS

Manual Integrations APPROVED
mohammad
3/3/2017 10:56:29 AM

Quant Time: Mar 02 15:30:26 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	122897	20.00	ng		-0.02
21) Naphthalene-d8	10.88	136	525311	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	303361	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	695735	20.00	ng		0.00
75) Chrysene-d12	21.66	240	696558	20.00	ng		-0.02
86) Perylene-d12	24.85	264	646348	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	659396	93.41	ng		-0.01
7) Phenol-d6	7.23	99	853618	81.72	ng		0.00
23) Nitrobenzene-d5	9.23	82	699887	84.08	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	309675	110.49	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1742346	100.36	ng		-0.02
78) Terphenyl-d14	20.00	244	2329199	81.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	93341	28.93	ng	#	77
3) Pyridine	3.93	79	284757	29.62	ng	#	68
4) n-Nitrosodimethylamine	3.84	42	111137	32.15	ng	#	16
6) Aniline	7.39	93	370415	25.51	ng	#	88
8) 2-Chlorophenol	7.64	128	350875	41.82	ng		85
9) Benzaldehyde	7.20	77	91975	14.86	ng	#	75
10) Phenol	7.26	94	444907	39.19	ng	#	74
11) bis(2-Chloroethyl)ether	7.49	93	336585	36.07	ng		84
12) 1,3-Dichlorobenzene	7.96	146	379703	39.15	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	383304	39.02	ng		94
14) 1,2-Dichlorobenzene	8.43	146	367135	38.07	ng	#	93
15) Benzyl Alcohol	8.30	79	292513	38.24	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.60	45	386596	28.55	ng		86
17) 2-Methylphenol	8.51	107	309047	37.79	ng	#	82
18) Hexachloroethane	9.16	117	128756	39.55	ng		86
19) n-Nitroso-di-n-propylamine	8.87	70	259829	34.06	ng	#	76
20) 3+4-Methylphenols	8.83	107	420197	36.07	ng		87
22) Acetophenone	8.89	105	511774	40.60	ng	#	78
24) Nitrobenzene	9.27	77	354958	39.43	ng	#	76
25) Isophorone	9.79	82	723938	39.52	ng	#	91
26) 2-Nitrophenol	9.98	139	185159	43.99	ng	#	69
27) 2,4-Dimethylphenol	10.04	122	346478	44.10	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	447920	38.58	ng		98
29) 2,4-Dichlorophenol	10.52	162	333574	44.49	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	347377	42.60	ng		97
31) Naphthalene	10.92	128	1064828	39.21	ng		100
32) Benzoic acid	10.16	122	220099	36.69	ng	#	72
33) 4-Chloroaniline	11.02	127	174972	14.83	ng	#	85
34) Hexachlorobutadiene	11.22	225	199691	43.03	ng		100
35) Caprolactam	11.78	113	136765m	45.17	ng		
36) 4-Chloro-3-methylphenol	12.14	107	367888	41.01	ng	#	80
37) 2-Methylnaphthalene	12.52	142	812171	39.26	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	364991	48.00	ng		98
40) Hexachlorocyclopentadiene	12.87	237	409437	98.41	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	265784	54.12	ng		94
43) 2,4,5-Trichlorophenol	13.19	196	278844	50.02	ng		94
45) 1,1'-Biphenyl	13.51	154	1034634	47.06	ng		99
46) 2-Chloronaphthalene	13.56	162	744279	46.83	ng		97
47) 2-Nitroaniline	13.75	65	224775	44.59	ng	#	64
48) Acenaphthylene	14.40	152	1281018	45.27	ng		98
49) Dimethylphthalate	14.12	163	1011719	48.61	ng		98
50) 2,6-Dinitrotoluene	14.24	165	228758	48.93	ng	#	69
51) Acenaphthene	14.74	154	927637	49.64	ng		100
52) 3-Nitroaniline	14.57	138	144579	27.65	ng	#	76
53) 2,4-Dinitrophenol	14.78	184	220684	90.21	ng	#	85
54) Dibenzofuran	15.07	168	1216006	48.81	ng		91
55) 4-Nitrophenol	14.87	139	381560	89.66	ng	#	47
56) 2,4-Dinitrotoluene	15.03	165	310827	49.42	ng	#	75
57) Fluorene	15.72	166	1018963	45.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	265091	53.90	ng		96
59) Diethylphthalate	15.48	149	1048376	48.70	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	478756	46.41	ng		95
61) 4-Nitroaniline	15.73	138	240364	44.34	ng	#	55
62) Azobenzene	16.00	77	915598	49.48	ng		84
64) 4,6-Dinitro-2-methylphenol	15.79	198	174164	42.78	ng		87
65) n-Nitrosodiphenylamine	15.92	169	903625	42.83	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	316492	43.40	ng		97
67) Hexachlorobenzene	16.72	284	332747	44.27	ng		93
68) Atrazine	16.86	200	342319	45.84	ng		97
69) Pentachlorophenol	17.06	266	421738	90.97	ng		97
70) Phenanthrene	17.45	178	1590239	42.11	ng		97
71) Anthracene	17.54	178	1640863	42.62	ng		99
72) Carbazole	17.80	167	1517846	39.24	ng		97
73) Di-n-butylphthalate	18.36	149	1898815	50.01	ng	#	93
74) Fluoranthene	19.45	202	1836518	44.16	ng		95
76) Benzidine	19.62	184	562168	25.57	ng		98
77) Pyrene	19.81	202	1860819	42.24	ng		98
79) Butylbenzylphthalate	20.69	149	865384	51.76	ng		87
80) Benzo(a)anthracene	21.63	228	1678772	41.28	ng		97
81) 3,3'-Dichlorobenzidine	21.55	252	371411	25.62	ng	#	98
82) Chrysene	21.70	228	1550882	39.66	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1284671	53.22	ng	#	99
84) Di-n-octyl phthalate	22.74	149	2205486	55.32	ng	#	83
85) Indeno(1,2,3-cd)pyrene	28.50	276	1707570	37.07	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	1673385	43.23	ng	#	95
88) Benzo(k)fluoranthene	23.91	252	1618161	42.84	ng	#	94
89) Benzo(a)pyrene	24.71	252	1570048	42.83	ng	#	95
90) Dibenzo(a,h)anthracene	28.56	278	1370932	37.23	ng	#	93
91) Benzo(g,h,i)perylene	29.64	276	1460111	39.55	ng	#	89

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

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