Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027219.D
Acq On : 5 Jun 2017 19:15
Operator : SJ/MA
Sample : PB99457BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99457BS

Manual Integrations APPROVED
mohammad
6/6/2017 5:14:07 PM

Quant Time: Jun 06 04:31:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	54852	20.00	ng		0.00
21) Naphthalene-d8	11.40	136	269911	20.00	ng		0.00
38) Acenaphthene-d10	15.16	164	177126	20.00	ng		0.00
63) Phenanthrene-d10	17.91	188	399610	20.00	ng		0.00
75) Chrysene-d12	22.30	240	434889	20.00	ng		0.00
86) Perylene-d12	26.01	264	404615	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	568993	158.29	ng		0.00
7) Phenol-d6	7.71	99	797332	151.11	ng		0.00
23) Nitrobenzene-d5	9.74	82	404375	94.22	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	340990	146.19	ng		0.00
44) 2-Fluorobiphenyl	13.78	172	1123766	88.76	ng		0.00
78) Terphenyl-d14	20.48	244	1493350	87.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	48456	32.51	ng	#	80
3) Pyridine	4.54	79	154158	33.55	ng	#	73
4) n-Nitrosodimethylamine	4.45	42	72721	42.75	ng	#	52
6) Aniline	7.90	93	182173	27.42	ng	#	90
8) 2-Chlorophenol	8.14	128	200957	52.94	ng		89
9) Benzaldehyde	7.72	77	104281	28.58	ng		83
10) Phenol	7.74	94	285076	52.83	ng	#	75
11) bis(2-Chloroethyl)ether	7.98	93	188973	42.69	ng		83
12) 1,3-Dichlorobenzene	8.46	146	177941	41.56	ng	#	92
13) 1,4-Dichlorobenzene	8.61	146	182906	41.63	ng		96
14) 1,2-Dichlorobenzene	8.93	146	180694	42.17	ng		93
15) Benzyl Alcohol	8.80	79	186507	50.17	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	9.09	45	271812	42.91	ng		89
17) 2-Methylphenol	8.99	107	194413	50.97	ng	#	86
18) Hexachloroethane	9.66	117	62406	42.17	ng	#	86
19) n-Nitroso-di-n-propylamine	9.37	70	161270	43.69	ng	#	84
20) 3+4-Methylphenols	9.32	107	265039	50.16	ng		90
22) Acetophenone	9.39	105	303213	43.93	ng	#	82
24) Nitrobenzene	9.78	77	220455	45.09	ng	#	85
25) Isophorone	10.31	82	446618	44.25	ng	#	95
26) 2-Nitrophenol	10.49	139	93251	46.52	ng	#	77
27) 2,4-Dimethylphenol	10.53	122	226973	52.31	ng		91
28) bis(2-Chloroethoxy)methane	10.77	93	289130	44.25	ng		99
29) 2,4-Dichlorophenol	11.03	162	208561	52.65	ng		98
30) 1,2,4-Trichlorobenzene	11.25	180	190663	43.47	ng		99
31) Naphthalene	11.45	128	628344	42.60	ng		100
32) Benzoic acid	10.66	122	136362	45.86	ng	#	84
33) 4-Chloroaniline	11.54	127	49401	8.04	ng	#	88
34) Hexachlorobutadiene	11.72	225	112226	41.63	ng		97
35) Caprolactam	12.33	113	69775m	51.36	ng		
36) 4-Chloro-3-methylphenol	12.61	107	247120	49.77	ng		90
37) 2-Methylnaphthalene	13.01	142	471788	43.84	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	235792	42.73	ng		97
40) Hexachlorocyclopentadiene	13.35	237	315740	107.51	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	167735	50.12	ng		96
43) 2,4,5-Trichlorophenol	13.66	196	181998	48.60	ng		94
45) 1,1'-Biphenyl	13.99	154	635172	43.93	ng		97
46) 2-Chloronaphthalene	14.05	162	481347	44.41	ng		98
47) 2-Nitroaniline	14.23	65	138151	45.27	ng	#	76
48) Acenaphthylene	14.89	152	776284	42.32	ng		99
49) Dimethylphthalate	14.60	163	648976	46.19	ng		97
50) 2,6-Dinitrotoluene	14.72	165	130457	45.97	ng	#	77
51) Acenaphthene	15.22	154	550654	46.15	ng		99
52) 3-Nitroaniline	15.04	138	44936	18.94	ng		86
53) 2,4-Dinitrophenol	15.25	184	127047	88.24	ng		93
54) Dibenzofuran	15.56	168	775524	46.51	ng		91
55) 4-Nitrophenol	15.33	139	232129	86.89	ng	#	53
56) 2,4-Dinitrotoluene	15.50	165	177765	48.58	ng	#	88
57) Fluorene	16.20	166	623510	42.10	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	177115	52.98	ng		99
59) Diethylphthalate	15.95	149	643484	45.91	ng		98
60) 4-Chlorophenyl-phenylether	16.18	204	326233	43.73	ng		91
61) 4-Nitroaniline	16.21	138	132278	44.19	ng	#	65
62) Azobenzene	16.48	77	624527	48.08	ng		89
64) 4,6-Dinitro-2-methylphenol	16.26	198	91164	50.42	ng		94
65) n-Nitrosodiphenylamine	16.40	169	565239	45.12	ng		98
66) 4-Bromophenyl-phenylether	17.08	248	215754	45.62	ng		95
67) Hexachlorobenzene	17.21	284	227455	44.71	ng	#	89
68) Atrazine	17.34	200	196753	46.96	ng		98
69) Pentachlorophenol	17.55	266	276491	92.72	ng		97
70) Phenanthrene	17.95	178	989520	44.01	ng		97
71) Anthracene	18.04	178	1000338	44.41	ng		99
72) Carbazole	18.31	167	860093	40.49	ng		95
73) Di-n-butylphthalate	18.84	149	964258	46.81	ng	#	93
74) Fluoranthene	19.94	202	1057144	44.01	ng		95
76) Benzidine	20.10	184	231955	17.71	ng		96
77) Pyrene	20.30	202	1089548	41.47	ng		97
79) Butylbenzylphthalate	21.20	149	432178	46.55	ng		91
80) Benzo(a)anthracene	22.28	228	1081889	43.62	ng		97
81) 3,3'-Dichlorobenzidine	22.17	252	161479	16.74	ng		98
82) Chrysene	22.35	228	1021419	42.90	ng		97
83) Bis(2-ethylhexyl)phthalate	22.15	149	629237	44.85	ng		99
84) Di-n-octyl phthalate	23.55	149	1080524	46.50	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.29	276	1300275	45.09	ng	#	94
87) Benzo(b)fluoranthene	24.82	252	1103593	43.98	ng	#	96
88) Benzo(k)fluoranthene	24.90	252	1093847	44.43	ng	#	93
89) Benzo(a)pyrene	25.84	252	1065361	45.10	ng	#	94
90) Dibenzo(a,h)anthracene	30.38	278	1113216	45.02	ng	#	96
91) Benzo(g,h,i)perylene	31.64	276	1063285	44.40	ng	#	91

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

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