Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
Data File : BG027725.D
Acq On : 29 Jun 2017 4:02
Operator : SJ/JU
Sample : PB100128BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100128BS

Manual Integrations APPROVED
mohammad
6/29/2017 4:48:58 PM

Quant Time: Jun 29 07:21:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	35518	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	162271	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	97595	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	241601	20.00	ng		0.00
75) Chrysene-d12	22.17	240	275441	20.00	ng		0.00
86) Perylene-d12	25.78	264	250497	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	348505	151.10	ng		0.00
7) Phenol-d6	7.62	99	483835	137.31	ng		0.00
23) Nitrobenzene-d5	9.64	82	273184	93.84	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	204258	152.59	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	647605	94.77	ng		0.00
78) Terphenyl-d14	20.39	244	1131529	96.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	34784	40.506	ng		94
3) Pyridine	4.42	79	108099	40.881	ng		96
4) n-Nitrosodimethylamine	4.34	42	56087	43.254	ng	#	71
6) Aniline	7.80	93	134227	32.863	ng		96
8) 2-Chlorophenol	8.04	128	123791	48.030	ng		94
9) Benzaldehyde	7.62	77	57424	27.388	ng		86
10) Phenol	7.65	94	167768	48.124	ng		79
11) bis(2-Chloroethyl)ether	7.88	93	110665	41.791	ng		96
12) 1,3-Dichlorobenzene	8.37	146	120474	43.944	ng	#	92
13) 1,4-Dichlorobenzene	8.51	146	123824	43.589	ng		96
14) 1,2-Dichlorobenzene	8.84	146	119222	43.285	ng		91
15) Benzyl Alcohol	8.70	79	111388	45.697	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.98	45	238914	42.300	ng		98
17) 2-Methylphenol	8.90	107	111676	45.279	ng	#	86
18) Hexachloroethane	9.56	117	43546	43.580	ng	#	79
19) n-Nitroso-di-n-propylamine	9.26	70	97726	38.122	ng	#	95
20) 3+4-Methylphenols	9.22	107	153765	43.233	ng		89
22) Acetophenone	9.29	105	176005	44.948	ng	#	88
24) Nitrobenzene	9.68	77	138670	45.562	ng	#	86
25) Isophorone	10.20	82	268264	42.276	ng	#	94
26) 2-Nitrophenol	10.40	139	66011	48.017	ng	#	76
27) 2,4-Dimethylphenol	10.43	122	129915	50.454	ng		91
28) bis(2-Chloroethoxy)methane	10.67	93	156798	43.584	ng		96
29) 2,4-Dichlorophenol	10.93	162	112421	49.820	ng		96
30) 1,2,4-Trichlorobenzene	11.15	180	105285	45.748	ng		96
31) Naphthalene	11.34	128	382852	44.366	ng		99
32) Benzoic acid	10.55	122	59840	39.864	ng	#	78
33) 4-Chloroaniline	11.44	127	62728	16.826	ng	#	89
34) Hexachlorobutadiene	11.62	225	59000	46.010	ng		94
35) Caprolactam	12.21	113	47986m	42.279	ng		
36) 4-Chloro-3-methylphenol	12.53	107	147104	46.328	ng		89
37) 2-Methylnaphthalene	12.91	142	280087m	43.576	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	117633	45.868	ng	#	97
40) Hexachlorocyclopentadiene	13.25	237	151080	124.946	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	91147	49.208	ng		95
43) 2,4,5-Trichlorophenol	13.58	196	99804	47.553	ng		94
45) 1,1'-Biphenyl	13.90	154	361370	46.196	ng		97
46) 2-Chloronaphthalene	13.95	162	270503	45.776	ng		96
47) 2-Nitroaniline	14.14	65	109107	46.127	ng	#	85
48) Acenaphthylene	14.79	152	469798	43.508	ng		97
49) Dimethylphthalate	14.50	163	383911	46.112	ng		96
50) 2,6-Dinitrotoluene	14.63	165	82171	45.403	ng	#	77
51) Acenaphthene	15.13	154	337662	48.790	ng		96
52) 3-Nitroaniline	14.96	138	55273	25.960	ng		85
53) 2,4-Dinitrophenol	15.16	184	92157	91.413	ng		91
54) Dibenzofuran	15.46	168	438671	47.936	ng		96
55) 4-Nitrophenol	15.26	139	171650	105.611	ng	#	57
56) 2,4-Dinitrotoluene	15.41	165	121831	48.263	ng	#	90
57) Fluorene	16.10	166	387029	43.620	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	93580m	51.724	ng		
59) Diethylphthalate	15.85	149	426660	46.281	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	176070	44.827	ng		95
61) 4-Nitroaniline	16.13	138	108754	49.029	ng	#	63
62) Azobenzene	16.38	77	399912	49.367	ng		94
64) 4,6-Dinitro-2-methylphenol	16.17	198	67377	45.110	ng		79
65) n-Nitrosodiphenylamine	16.30	169	352188	44.812	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	114263	45.218	ng	#	92
67) Hexachlorobenzene	17.11	284	118261	44.191	ng		96
68) Atrazine	17.24	200	128030	51.598	ng		95
69) Pentachlorophenol	17.46	266	148323	86.286	ng		97
70) Phenanthrene	17.85	178	644802	46.230	ng		94
71) Anthracene	17.94	178	646743	45.919	ng		98
72) Carbazole	18.21	167	616080	44.415	ng		95
73) Di-n-butylphthalate	18.74	149	782956	51.365	ng	#	93
74) Fluoranthene	19.85	202	748010	49.071	ng		93
76) Benzidine	20.02	184	307994	47.044	ng		97
77) Pyrene	20.21	202	781090	45.187	ng		95
79) Butylbenzylphthalate	21.08	149	371586	47.730	ng	#	90
80) Benzo(a)anthracene	22.15	228	753452	45.245	ng		95
81) 3,3'-Dichlorobenzidine	22.05	252	164177	27.164	ng	#	97
82) Chrysene	22.23	228	693600	44.436	ng		97
83) Bis(2-ethylhexyl)phthalate	22.00	149	533427	46.887	ng	#	95
84) Di-n-octyl phthalate	23.34	149	906550	48.231	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.94	276	832889	46.687	ng	#	86
87) Benzo(b)fluoranthene	24.62	252	747266	46.304	ng	#	95
88) Benzo(k)fluoranthene	24.71	252	719268	45.088	ng	#	94
89) Benzo(a)pyrene	25.61	252	700630	46.267	ng	#	93
90) Dibenzo(a,h)anthracene	30.01	278	707808	46.138	ng	#	92
91) Benzo(g,h,i)perylene	31.25	276	669791	45.430	ng	#	85

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

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