Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
Data File : BG027714.D
Acq On : 28 Jun 2017 18:11
Operator : SJ/JU
Sample : PB100116BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100116BS

Manual Integrations APPROVED
mohammad
6/29/2017 4:48:40 PM

Quant Time: Jun 29 06:53:27 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	30336	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	159181	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	107808	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	284065	20.00	ng		0.00
75) Chrysene-d12	22.18	240	291431	20.00	ng		0.00
86) Perylene-d12	25.79	264	265221	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	308614	156.66	ng		0.00
7) Phenol-d6	7.62	99	456171	151.58	ng		0.00
23) Nitrobenzene-d5	9.64	82	258309	90.45	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	232697	157.37	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	659725	87.40	ng		0.00
78) Terphenyl-d14	20.39	244	1190310	95.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	28986	39.520	ng	#	92
3) Pyridine	4.43	79	90544	40.092	ng		92
4) n-Nitrosodimethylamine	4.34	42	47077	42.507	ng	#	67
6) Aniline	7.80	93	93998	26.945	ng		97
8) 2-Chlorophenol	8.04	128	115203	52.333	ng		92
9) Benzaldehyde	7.62	77	55033	30.731	ng		87
10) Phenol	7.65	94	157329	52.839	ng		79
11) bis(2-Chloroethyl)ether	7.88	93	100852	44.591	ng		96
12) 1,3-Dichlorobenzene	8.37	146	103499	44.201	ng	#	91
13) 1,4-Dichlorobenzene	8.51	146	106658	43.960	ng		93
14) 1,2-Dichlorobenzene	8.83	146	103855	44.147	ng		94
15) Benzyl Alcohol	8.71	79	105969	50.900	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.99	45	214974	44.563	ng		98
17) 2-Methylphenol	8.90	107	107716	51.134	ng	#	85
18) Hexachloroethane	9.56	117	37582	44.036	ng	#	79
19) n-Nitroso-di-n-propylamine	9.26	70	94165	43.008	ng		96
20) 3+4-Methylphenols	9.22	107	150113	49.415	ng		90
22) Acetophenone	9.29	105	166732	43.407	ng	#	89
24) Nitrobenzene	9.69	77	130449	43.693	ng	#	84
25) Isophorone	10.20	82	270388	43.438	ng	#	95
26) 2-Nitrophenol	10.40	139	62759	46.537	ng	#	80
27) 2,4-Dimethylphenol	10.43	122	129170	51.139	ng		92
28) bis(2-Chloroethoxy)methane	10.67	93	156551	44.361	ng		97
29) 2,4-Dichlorophenol	10.93	162	114838	51.879	ng		99
30) 1,2,4-Trichlorobenzene	11.15	180	98434	43.601	ng		99
31) Naphthalene	11.34	128	363186	42.904	ng		99
32) Benzoic acid	10.55	122	66571	44.021	ng	#	79
33) 4-Chloroaniline	11.45	127	37446	10.239	ng	#	86
34) Hexachlorobutadiene	11.62	225	54063	42.978	ng		98
35) Caprolactam	12.22	113	55866m	50.177	ng		
36) 4-Chloro-3-methylphenol	12.53	107	157457	50.551	ng	#	87
37) 2-Methylnaphthalene	12.91	142	277080m	43.945	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	118488	41.825	ng	#	97
40) Hexachlorocyclopentadiene	13.25	237	149968	112.277	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	98094	47.942	ng		97
43) 2,4,5-Trichlorophenol	13.58	196	111512	48.098	ng	#	93
45) 1,1'-Biphenyl	13.90	154	377730	43.713	ng		97
46) 2-Chloronaphthalene	13.95	162	281960	43.194	ng		99
47) 2-Nitroaniline	14.15	65	123277	47.181	ng	#	87
48) Acenaphthylene	14.79	152	505453	42.376	ng		96
49) Dimethylphthalate	14.50	163	429484	46.699	ng		97
50) 2,6-Dinitrotoluene	14.63	165	94854	47.446	ng	#	77
51) Acenaphthene	15.13	154	315150	41.223	ng		96
52) 3-Nitroaniline	14.97	138	39978	16.998	ng	#	74
53) 2,4-Dinitrophenol	15.17	184	104402	93.530	ng		91
54) Dibenzofuran	15.46	168	477443	47.231	ng		96
55) 4-Nitrophenol	15.26	139	195325	108.792	ng	#	57
56) 2,4-Dinitrotoluene	15.42	165	140946	50.546	ng	#	88
57) Fluorene	16.11	166	432099	44.086	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	106425m	53.251	ng		
59) Diethylphthalate	15.86	149	497671	48.870	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	196614	45.315	ng		97
61) 4-Nitroaniline	16.13	138	118701	48.444	ng	#	61
62) Azobenzene	16.38	77	452703	50.590	ng		93
64) 4,6-Dinitro-2-methylphenol	16.18	198	76223	43.630	ng		83
65) n-Nitrosodiphenylamine	16.30	169	399403	43.222	ng		99
66) 4-Bromophenyl-phenylether	16.99	248	128038	43.095	ng	#	89
67) Hexachlorobenzene	17.11	284	134464	42.735	ng		95
68) Atrazine	17.24	200	141105	48.367	ng		96
69) Pentachlorophenol	17.46	266	174150	86.175	ng		99
70) Phenanthrene	17.86	178	729686	44.495	ng		95
71) Anthracene	17.95	178	740969	44.745	ng		98
72) Carbazole	18.22	167	671067	41.147	ng		96
73) Di-n-butylphthalate	18.73	149	848426	47.340	ng	#	94
74) Fluoranthene	19.85	202	806279	44.987	ng		93
76) Benzidine	20.02	184	274467	40.130	ng		97
77) Pyrene	20.21	202	825943	45.160	ng		97
79) Butylbenzylphthalate	21.08	149	390426	47.398	ng	#	87
80) Benzo(a)anthracene	22.15	228	783298	44.456	ng		94
81) 3,3'-Dichlorobenzidine	22.05	252	150845	23.588	ng	#	98
82) Chrysene	22.23	228	732386	44.346	ng		97
83) Bis(2-ethylhexyl)phthalate	22.01	149	561619	46.656	ng	#	95
84) Di-n-octyl phthalate	23.35	149	955517	48.047	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.95	276	867476	45.957	ng	#	86
87) Benzo(b)fluoranthene	24.63	252	774284	45.314	ng	#	95
88) Benzo(k)fluoranthene	24.71	252	753361	44.604	ng	#	93
89) Benzo(a)pyrene	25.62	252	734179	45.790	ng	#	93
90) Dibenzo(a,h)anthracene	30.02	278	735904	45.306	ng	#	93
91) Benzo(g,h,i)perylene	31.26	276	700452	44.872	ng	#	87

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

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