Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
Data File : BG027572.D
Acq On : 21 Jun 2017 22:45
Operator : SJ/JU
Sample : PB99899BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 22 03:53:59 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB99899BS

Manual Integrations APPROVED
mohammad
6/22/2017 6:04:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	20556	20.00	ng		0.00
21) Naphthalene-d8	11.33	136	104834	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	71632	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	192698	20.00	ng		0.00
75) Chrysene-d12	22.21	240	215699	20.00	ng		0.00
86) Perylene-d12	25.85	264	197638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	227718	157.66	ng		0.00
7) Phenol-d6	7.64	99	330252	154.45	ng		0.00
23) Nitrobenzene-d5	9.67	82	207054	93.46	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	168200	157.50	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	483057	92.12	ng		0.00
78) Terphenyl-d14	20.42	244	898892	98.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	20035	35.728	ng		96
3) Pyridine	4.47	79	67064	36.944	ng	#	84
4) n-Nitrosodimethylamine	4.38	42	38480	46.447	ng		85
6) Aniline	7.83	93	96553	37.002	ng		98
8) 2-Chlorophenol	8.07	128	79194	51.820	ng		96
9) Benzaldehyde	7.65	77	25377	17.466	ng		88
10) Phenol	7.67	94	117476	53.933	ng		91
11) bis(2-Chloroethyl)ether	7.91	93	75886	44.511	ng		91
12) 1,3-Dichlorobenzene	8.39	146	70464	43.678	ng		96
13) 1,4-Dichlorobenzene	8.54	146	72775	44.683	ng		99
14) 1,2-Dichlorobenzene	8.86	146	70870	44.281	ng		98
15) Benzyl Alcohol	8.73	79	93081	54.524	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.01	45	121210	42.850	ng		92
17) 2-Methylphenol	8.92	107	76704	50.044	ng		95
18) Hexachloroethane	9.59	117	28606	44.788	ng		86
19) n-Nitroso-di-n-propylamine	9.29	70	76299	44.925	ng	#	85
20) 3+4-Methylphenols	9.25	107	106931	50.955	ng		92
22) Acetophenone	9.32	105	129368	44.999	ng	#	89
24) Nitrobenzene	9.71	77	107782	44.383	ng	#	91
25) Isophorone	10.23	82	209145	45.947	ng	#	97
26) 2-Nitrophenol	10.43	139	42673	47.507	ng		91
27) 2,4-Dimethylphenol	10.46	122	89758	52.912	ng		95
28) bis(2-Chloroethoxy)methane	10.70	93	116758	45.511	ng		98
29) 2,4-Dichlorophenol	10.96	162	79451	54.225	ng		95
30) 1,2,4-Trichlorobenzene	11.18	180	75508	45.075	ng		97
31) Naphthalene	11.37	128	251653	44.413	ng		98
32) Benzoic acid	10.58	122	60753	49.904	ng		94
33) 4-Chloroaniline	11.48	127	39000	16.229	ng		94
34) Hexachlorobutadiene	11.64	225	45101	44.551	ng		97
35) Caprolactam	12.25	113	37453m	54.845	ng		
36) 4-Chloro-3-methylphenol	12.55	107	124507	55.408	ng		99
37) 2-Methylnaphthalene	12.94	142	201326	48.891	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	96900	43.137	ng	#	97
40) Hexachlorocyclopentadiene	13.28	237	127835	106.172	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	74849	51.566	ng		95
43) 2,4,5-Trichlorophenol	13.61	196	82444	48.334	ng		94
45) 1,1'-Biphenyl	13.93	154	271082	45.386	ng		97
46) 2-Chloronaphthalene	13.98	162	200528	45.141	ng		93
47) 2-Nitroaniline	14.18	65	97560	48.921	ng		93
48) Acenaphthylene	14.82	152	342601	44.012	ng		98
49) Dimethylphthalate	14.53	163	304866	48.607	ng		96
50) 2,6-Dinitrotoluene	14.65	165	69116	50.785	ng		94
51) Acenaphthene	15.16	154	227988	42.035	ng		98
52) 3-Nitroaniline	14.99	138	41674	29.010	ng		97
53) 2,4-Dinitrophenol	15.19	184	85788	111.526	ng	#	87
54) Dibenzofuran	15.49	168	345153	48.859	ng		98
55) 4-Nitrophenol	15.28	139	123309	102.524	ng	#	79
56) 2,4-Dinitrotoluene	15.44	165	101351	52.518	ng	#	99
57) Fluorene	16.14	166	304313	45.485	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.71	232	84301m	56.126	ng		
59) Diethylphthalate	15.88	149	340238	49.715	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	154272	46.858	ng		93
61) 4-Nitroaniline	16.16	138	77419	49.122	ng	#	82
62) Azobenzene	16.41	77	361332	51.490	ng		92
64) 4,6-Dinitro-2-methylphenol	16.20	198	58712	47.979	ng		78
65) n-Nitrosodiphenylamine	16.33	169	278204	47.096	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	101501	47.893	ng	#	86
67) Hexachlorobenzene	17.14	284	105367	46.523	ng		95
68) Atrazine	17.27	200	105113	48.573	ng		96
69) Pentachlorophenol	17.48	266	137294	97.590	ng		98
70) Phenanthrene	17.88	178	509226	46.452	ng		94
71) Anthracene	17.98	178	513510	46.525	ng		97
72) Carbazole	18.24	167	457808	42.576	ng		96
73) Di-n-butylphthalate	18.76	149	584978	48.555	ng	#	95
74) Fluoranthene	19.88	202	593181	46.445	ng		93
76) Benzidine	20.05	184	104614	19.761	ng		96
77) Pyrene	20.24	202	612605	46.721	ng		95
79) Butylbenzylphthalate	21.11	149	276608	50.544	ng		94
80) Benzo(a)anthracene	22.19	228	597697	46.184	ng		94
81) 3,3'-Dichlorobenzidine	22.08	252	154134	32.941	ng	#	97
82) Chrysene	22.27	228	559476	45.623	ng		95
83) Bis(2-ethylhexyl)phthalate	22.04	149	390810	48.719	ng		99
84) Di-n-octyl phthalate	23.39	149	671078	50.295	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.05	276	671992	48.086	ng	#	89
87) Benzo(b)fluoranthene	24.69	252	600285	47.505	ng	#	97
88) Benzo(k)fluoranthene	24.76	252	581264	47.017	ng	#	93
89) Benzo(a)pyrene	25.68	252	571537	47.926	ng	#	95
90) Dibenzo(a,h)anthracene	30.12	278	575665	47.392	ng	#	95
91) Benzo(g,h,i)perylene	31.37	276	553287	46.894	ng	#	90

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

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