Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
Data File : BG027582.D
Acq On : 22 Jun 2017 5:47
Operator : SJ/JU
Sample : PB99860BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99860BS

Manual Integrations APPROVED
mohammad
6/22/2017 6:04:31 PM

Quant Time: Jun 22 07:59:58 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19265	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	92030	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	61453	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	176649	20.00	ng		0.00
75) Chrysene-d12	22.21	240	203235	20.00	ng		0.00
86) Perylene-d12	25.84	264	190492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	192966	142.56	ng		0.00
7) Phenol-d6	7.64	99	271929	135.70	ng		0.00
23) Nitrobenzene-d5	9.67	82	168918	86.85	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	142212	155.23	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	386105	85.82	ng		0.00
78) Terphenyl-d14	20.41	244	784390	90.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.08	88	18601	35.394	ng		93
3) Pyridine	4.47	79	57608	33.861	ng		87
4) n-Nitrosodimethylamine	4.38	42	32624	42.017	ng	#	78
6) Aniline	7.83	93	70302	28.747	ng		94
8) 2-Chlorophenol	8.07	128	68197	47.615	ng		95
9) Benzaldehyde	7.64	77	23101	16.965	ng		96
10) Phenol	7.67	94	96782	47.410	ng		90
11) bis(2-Chloroethyl)ether	7.91	93	64195	40.177	ng		92
12) 1,3-Dichlorobenzene	8.40	146	60293	39.878	ng		97
13) 1,4-Dichlorobenzene	8.54	146	61851	40.520	ng		98
14) 1,2-Dichlorobenzene	8.86	146	59783	39.857	ng		96
15) Benzyl Alcohol	8.73	79	73107	45.693	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.01	45	99271	37.446	ng		93
17) 2-Methylphenol	8.92	107	62413	43.449	ng		95
18) Hexachloroethane	9.59	117	24350	40.679	ng	#	83
19) n-Nitroso-di-n-propylamine	9.29	70	59623	37.459	ng		88
20) 3+4-Methylphenols	9.24	107	86625	44.045	ng		93
22) Acetophenone	9.32	105	108290	42.908	ng	#	86
24) Nitrobenzene	9.71	77	88730	41.621	ng		97
25) Isophorone	10.22	82	164049	41.054	ng		98
26) 2-Nitrophenol	10.42	139	34606	43.886	ng		96
27) 2,4-Dimethylphenol	10.46	122	72198	48.482	ng		95
28) bis(2-Chloroethoxy)methane	10.70	93	94910	42.142	ng		98
29) 2,4-Dichlorophenol	10.96	162	64896	50.453	ng		99
30) 1,2,4-Trichlorobenzene	11.18	180	62434	42.456	ng		91
31) Naphthalene	11.37	128	207300	41.675	ng		99
32) Benzoic acid	10.57	122	46089	44.195	ng		88
33) 4-Chloroaniline	11.47	127	25791	12.225	ng		92
34) Hexachlorobutadiene	11.65	225	38000	42.759	ng		98
35) Caprolactam	12.24	113	30374m	50.667	ng		
36) 4-Chloro-3-methylphenol	12.55	107	99097	50.236	ng		97
37) 2-Methylnaphthalene	12.94	142	159588	44.147	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	81128	42.098	ng		97
40) Hexachlorocyclopentadiene	13.28	237	104290	100.964	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	59529	47.804	ng		97
43) 2,4,5-Trichlorophenol	13.60	196	68412	46.751	ng	#	93
45) 1,1'-Biphenyl	13.93	154	215970	42.148	ng		98
46) 2-Chloronaphthalene	13.98	162	161249	42.311	ng		94
47) 2-Nitroaniline	14.17	65	78838	46.081	ng		93
48) Acenaphthylene	14.82	152	275267	41.220	ng		98
49) Dimethylphthalate	14.53	163	250430	46.542	ng		98
50) 2,6-Dinitrotoluene	14.65	165	56890	48.726	ng		94
51) Acenaphthene	15.15	154	225465	48.456	ng		97
52) 3-Nitroaniline	14.99	138	28330	22.987	ng		98
53) 2,4-Dinitrophenol	15.19	184	70393	106.671	ng	#	88
54) Dibenzofuran	15.48	168	279470	46.114	ng		98
55) 4-Nitrophenol	15.28	139	102206	99.054	ng	#	83
56) 2,4-Dinitrotoluene	15.44	165	83556	50.469	ng	#	99
57) Fluorene	16.14	166	250424	43.630	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.71	232	71661	55.613	ng		91
59) Diethylphthalate	15.88	149	282578	48.129	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	126036	44.623	ng		95
61) 4-Nitroaniline	16.15	138	64773	47.905	ng	#	84
62) Azobenzene	16.41	77	290060	48.180	ng		92
64) 4,6-Dinitro-2-methylphenol	16.20	198	48896	43.588	ng		77
65) n-Nitrosodiphenylamine	16.33	169	232004	42.843	ng		98
66) 4-Bromophenyl-phenylether	17.01	248	85305	43.908	ng	#	92
67) Hexachlorobenzene	17.14	284	88202	42.482	ng		97
68) Atrazine	17.27	200	93009	46.884	ng		98
69) Pentachlorophenol	17.48	266	119077	92.331	ng		95
70) Phenanthrene	17.88	178	440038	43.788	ng		94
71) Anthracene	17.97	178	443240	43.807	ng		95
72) Carbazole	18.24	167	394572	40.029	ng		96
73) Di-n-butylphthalate	18.76	149	502424	45.491	ng	#	95
74) Fluoranthene	19.87	202	515531	44.032	ng		94
76) Benzidine	20.04	184	153619	30.797	ng		97
77) Pyrene	20.24	202	534051	43.228	ng		94
79) Butylbenzylphthalate	21.11	149	234061	45.392	ng		97
80) Benzo(a)anthracene	22.19	228	524494	43.013	ng		93
81) 3,3'-Dichlorobenzidine	22.08	252	114282	25.922	ng	#	95
82) Chrysene	22.26	228	491815	42.565	ng		94
83) Bis(2-ethylhexyl)phthalate	22.04	149	335957	44.449	ng		97
84) Di-n-octyl phthalate	23.39	149	575042	45.740	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.04	276	594136	45.122	ng	#	92
87) Benzo(b)fluoranthene	24.68	252	514956	42.281	ng	#	96
88) Benzo(k)fluoranthene	24.75	252	521550	43.769	ng	#	93
89) Benzo(a)pyrene	25.67	252	500463	43.540	ng	#	95
90) Dibenzo(a,h)anthracene	30.10	278	506556	43.267	ng	#	96
91) Benzo(g,h,i)perylene	31.36	276	487138	42.837	ng	#	93

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

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