Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
Data File : BG024078.D
Acq On : 22 Sep 2016 21:39
Operator : UM/SJ
Sample : PB93511BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB93511BSD

Manual Integrations APPROVED
sohil
9/23/2016 8:40:43 AM

Quant Time: Sep 23 02:00:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54255	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	226102	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	178943	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	362567	20.00	ng		0.00
75) Chrysene-d12	21.81	240	389023	20.00	ng		0.00
86) Perylene-d12	25.15	264	347073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	275044	89.00	ng		0.00
7) Phenol-d6	7.22	99	409707	86.13	ng		0.00
23) Nitrobenzene-d5	9.23	82	468276	92.46	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	194322	60.27	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	898237	71.97	ng		0.00
78) Terphenyl-d14	20.10	244	1409469	82.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	39832	31.25	ng		92
3) Pyridine	3.85	79	140985	36.81	ng		95
4) n-Nitrosodimethylamine	3.77	42	78933	39.09	ng	#	91
6) Aniline	7.37	93	136703	21.65	ng		99
8) 2-Chlorophenol	7.61	128	152244	42.53	ng		90
9) Benzaldehyde	7.18	77	19304	5.71	ng		86
10) Phenol	7.25	94	224150	44.79	ng		94
11) bis(2-Chloroethyl)ether	7.46	93	153193	38.91	ng		88
12) 1,3-Dichlorobenzene	7.93	146	164704	39.31	ng		97
13) 1,4-Dichlorobenzene	8.08	146	165824	37.36	ng		96
14) 1,2-Dichlorobenzene	8.40	146	160187	38.45	ng		95
15) Benzyl Alcohol	8.29	79	193937	46.24	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	204952	38.83	ng		93
17) 2-Methylphenol	8.51	107	144955	42.99	ng		96
18) Hexachloroethane	9.13	117	69576	40.70	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	167068	39.75	ng	#	97
20) 3+4-Methylphenols	8.85	107	208253	44.32	ng		94
22) Acetophenone	8.88	105	236554	40.41	ng	#	98
24) Nitrobenzene	9.27	77	259633	47.67	ng		95
25) Isophorone	9.79	82	434368	44.23	ng		98
26) 2-Nitrophenol	9.99	139	92310	44.59	ng		98
27) 2,4-Dimethylphenol	10.05	122	157385	44.73	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	233491	47.08	ng		95
29) 2,4-Dichlorophenol	10.54	162	172055	46.15	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	175926	43.03	ng		95
31) Naphthalene	10.93	128	479625	41.17	ng		99
32) Benzoic acid	10.22	122	74973	26.24	ng		91
33) 4-Chloroaniline	11.06	127	79988	16.44	ng		94
34) Hexachlorobutadiene	11.20	225	139994	45.59	ng		96
35) Caprolactam	11.84	113	59752m	45.48	ng		
36) 4-Chloro-3-methylphenol	12.20	107	218963	43.96	ng		96
37) 2-Methylnaphthalene	12.54	142	367934	41.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	208104	35.04	ng		99
40) Hexachlorocyclopentadiene	12.88	237	129937	40.17	ng		95

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Quant Time: Sep 23 02:00:18 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	151317	38.18	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	159992	39.93	ng		95
45) 1,1'-Biphenyl	13.55	154	446995	31.06	ng		100
46) 2-Chloronaphthalene	13.60	162	398787	37.74	ng		98
47) 2-Nitroaniline	13.82	65	182713	43.90	ng		100
48) Acenaphthylene	14.45	152	620708	35.24	ng		99
49) Dimethylphthalate	14.17	163	545187	35.53	ng		99
50) 2,6-Dinitrotoluene	14.31	165	120108	37.08	ng		95
51) Acenaphthene	14.79	154	386225	35.47	ng		99
52) 3-Nitroaniline	14.65	138	73553	24.28	ng		89
53) 2,4-Dinitrophenol	14.87	184	106802	47.94	ng		93
54) Dibenzofuran	15.13	168	643082	37.84	ng		99
55) 4-Nitrophenol	14.99	139	159717	66.26	ng		90
56) 2,4-Dinitrotoluene	15.11	165	172287	36.19	ng		93
57) Fluorene	15.78	166	509917	34.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	154499	37.99	ng		97
59) Diethylphthalate	15.54	149	575720	35.15	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	273498	34.47	ng		95
61) 4-Nitroaniline	15.83	138	110291	36.01	ng		98
62) Azobenzene	16.06	77	637147	40.16	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	85935	34.14	ng		86
65) n-Nitrosodiphenylamine	15.98	169	463882	45.05	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	198708	45.05	ng		95
67) Hexachlorobenzene	16.80	284	209257	40.45	ng		99
68) Atrazine	16.94	200	207076	46.74	ng		97
69) Pentachlorophenol	17.15	266	201265	73.25	ng		100
70) Phenanthrene	17.54	178	865826	45.90	ng		97
71) Anthracene	17.63	178	886430	46.07	ng		96
72) Carbazole	17.91	167	783046	44.85	ng		97
73) Di-n-butylphthalate	18.44	149	960385	46.11	ng		98
74) Fluoranthene	19.55	202	1016064	44.74	ng		95
76) Benzidine	19.73	184	394830	32.78	ng		98
77) Pyrene	19.91	202	1020026	42.63	ng		96
79) Butylbenzylphthalate	20.78	149	418414	45.36	ng		98
80) Benzo(a)anthracene	21.78	228	984734	45.22	ng		94
81) 3,3'-Dichlorobenzidine	21.69	252	216145	24.83	ng	#	97
82) Chrysene	21.85	228	933018	45.01	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	576653	45.66	ng		96
84) Di-n-octyl phthalate	22.90	149	986696	47.64	ng		99
85) Indeno(1,2,3-cd)pyrene	29.00	276	795615	34.67	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	902954m	45.80	ng		
88) Benzo(k)fluoranthene	24.16	252	1001656	51.24	ng	#	97
89) Benzo(a)pyrene	25.00	252	884608	47.25	ng	#	97
90) Dibenzo(a,h)anthracene	29.04	278	702462	38.15	ng	#	98
91) Benzo(g,h,i)perylene	30.19	276	600984	33.94	ng	#	94

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

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