Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022301.D
Acq On : 10 Jun 2016 23:43
Operator : UM/SJ
Sample : PB91174BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91174BS

Manual Integrations APPROVED
SOHIL
6/13/2016 7:06:58 PM

Quant Time: Jun 11 04:16:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	26974	20.00	ng		-0.02
21) Naphthalene-d8	10.92	136	142788	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	87444	20.00	ng		-0.01
63) Phenanthrene-d10	17.48	188	195129	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	166822	20.00	ng		-0.01
86) Perylene-d12	25.04	264	152455	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	193905	138.99	ng		-0.01
7) Phenol-d6	7.27	99	290345	132.37	ng		0.00
23) Nitrobenzene-d5	9.28	82	154915	75.64	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	95536	96.69	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	396351	69.07	ng		-0.01
78) Terphenyl-d14	20.08	244	503515	71.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	17505	26.17	ng	#	74
3) Pyridine	3.90	79	53725	29.72	ng		93
4) n-Nitrosodimethylamine	3.82	42	16196	40.07	ng		93
6) Aniline	7.43	93	80099	28.74	ng	#	85
8) 2-Chlorophenol	7.67	128	82022	42.54	ng		82
9) Benzaldehyde	7.25	77	2973	2.46	ng		95
10) Phenol	7.29	94	101965	45.09	ng		84
11) bis(2-Chloroethyl)ether	7.52	93	70887	39.31	ng	#	76
12) 1,3-Dichlorobenzene	7.99	146	71396m	34.54	ng		
13) 1,4-Dichlorobenzene	8.14	146	73096	35.49	ng		96
14) 1,2-Dichlorobenzene	8.46	146	71582	34.48	ng		93
15) Benzyl Alcohol	8.35	79	57865	40.83	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	78034	41.71	ng		85
17) 2-Methylphenol	8.56	107	69656	41.28	ng	#	85
18) Hexachloroethane	9.19	117	27428	36.47	ng		85
19) n-Nitroso-di-n-propylamine	8.91	70	56671	38.17	ng	#	72
20) 3+4-Methylphenols	8.88	107	98112	40.53	ng		97
22) Acetophenone	8.93	105	108274	35.19	ng	#	82
24) Nitrobenzene	9.32	77	80136	38.91	ng	#	89
25) Isophorone	9.84	82	165208	34.48	ng	#	95
26) 2-Nitrophenol	10.04	139	42545	38.09	ng	#	79
27) 2,4-Dimethylphenol	10.09	122	81343	40.24	ng		93
28) bis(2-Chloroethoxy)methane	10.32	93	101846	37.10	ng		92
29) 2,4-Dichlorophenol	10.58	162	75895	40.53	ng		93
30) 1,2,4-Trichlorobenzene	10.78	180	69785	33.35	ng		96
31) Naphthalene	10.98	128	248521	34.87	ng	#	94
32) Benzoic acid	10.23	122	30311	45.06	ng	#	82
33) 4-Chloroaniline	11.09	127	49275	16.63	ng	#	90
34) Hexachlorobutadiene	11.25	225	36048	32.09	ng		100
35) Caprolactam	11.86	113	32485m	31.62	ng		
36) 4-Chloro-3-methylphenol	12.21	107	87293	39.33	ng		89
37) 2-Methylnaphthalene	12.58	142	180452	34.30	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	74408	33.06	ng	#	96
40) Hexachlorocyclopentadiene	12.91	237	63275	56.73	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	57705	38.21	ng		91
43) 2,4,5-Trichlorophenol	13.26	196	60312	36.15	ng		95
45) 1,1'-Biphenyl	13.57	154	234391	35.62	ng		95
46) 2-Chloronaphthalene	13.62	162	185100	36.69	ng		98
47) 2-Nitroaniline	13.83	65	48656	40.45	ng	#	63
48) Acenaphthylene	14.46	152	314613	35.54	ng		97
49) Dimethylphthalate	14.19	163	244989	33.79	ng		99
50) 2,6-Dinitrotoluene	14.31	165	56405	35.79	ng	#	80
51) Acenaphthene	14.80	154	184937	34.87	ng		96
52) 3-Nitroaniline	14.65	138	41109	23.52	ng	#	81
53) 2,4-Dinitrophenol	14.87	184	47554	74.72	ng	#	78
54) Dibenzofuran	15.14	168	287113	34.69	ng		99
55) 4-Nitrophenol	14.97	139	85791	71.11	ng	#	76
56) 2,4-Dinitrotoluene	15.11	165	76674	36.27	ng	#	85
57) Fluorene	15.78	166	247664	34.74	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	52679	35.21	ng		92
59) Diethylphthalate	15.54	149	265091	34.23	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	110374	34.19	ng		92
61) 4-Nitroaniline	15.81	138	57787	31.17	ng		84
62) Azobenzene	16.06	77	230460	39.29	ng		90
64) 4,6-Dinitro-2-methylphenol	15.87	198	35033	36.85	ng		85
65) n-Nitrosodiphenylamine	15.98	169	211887	37.70	ng		98
66) 4-Bromophenyl-phenylether	16.66	248	65323	35.73	ng		97
67) Hexachlorobenzene	16.79	284	71362	33.49	ng		98
68) Atrazine	16.92	200	68892	33.11	ng		97
69) Pentachlorophenol	17.13	266	62503	65.99	ng		99
70) Phenanthrene	17.53	178	378348	35.70	ng		99
71) Anthracene	17.62	178	373920	35.57	ng		98
72) Carbazole	17.89	167	344374	34.59	ng		97
73) Di-n-butylphthalate	18.42	149	460016	35.35	ng		99
74) Fluoranthene	19.53	202	400501	32.87	ng		96
76) Benzidine	19.71	184	160051	36.69	ng		99
77) Pyrene	19.89	202	398403	38.42	ng		98
79) Butylbenzylphthalate	20.75	149	195077	40.56	ng		94
80) Benzo(a)anthracene	21.74	228	342152	36.58	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	66354	25.27	ng	#	98
82) Chrysene	21.81	228	326302	35.85	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	285231	40.33	ng		96
84) Di-n-octyl phthalate	22.84	149	479035	40.79	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.83	276	360068	35.26	ng	#	85
87) Benzo(b)fluoranthene	24.00	252	334505	37.62	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	326485	37.30	ng	#	96
89) Benzo(a)pyrene	24.90	252	317463	37.34	ng	#	97
90) Dibenzo(a,h)anthracene	28.87	278	293524	36.66	ng	#	96
91) Benzo(g,h,i)perylene	30.00	276	301179	36.15	ng	#	94

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

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