Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031460.D
Acq On : 11 Dec 2017 17:59
Operator : SJ/JU
Sample : PB104880BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104880BS

Manual Integrations APPROVED
Sohil
12/12/2017 3:55:15 PM

Quant Time: Dec 12 04:00:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	47925	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	213502	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	148238	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	411794	20.00	ng		0.00
75) Chrysene-d12	21.74	240	477724	20.00	ng		0.00
86) Perylene-d12	25.02	264	462085	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	227954	84.31	ng		0.00
7) Phenol-d6	7.28	99	298025	79.40	ng		0.00
23) Nitrobenzene-d5	9.27	82	258527	74.64	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	142611	82.12	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	753489	74.61	ng		0.00
78) Terphenyl-d14	20.06	244	1459803	69.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	35198	27.284	ng		86
3) Pyridine	3.92	79	96478	28.404	ng		91
4) n-Nitrosodimethylamine	3.83	42	51549	32.220	ng	#	90
6) Aniline	7.43	93	98656	19.958	ng		94
8) 2-Chlorophenol	7.68	128	117209	38.864	ng		87
9) Benzaldehyde	7.25	77	33697	15.488	ng		91
10) Phenol	7.30	94	151997	39.420	ng		95
11) bis(2-Chloroethyl)ether	7.52	93	102539	32.582	ng		92
12) 1,3-Dichlorobenzene	7.99	146	120448	33.583	ng		93
13) 1,4-Dichlorobenzene	8.14	146	122033	32.739	ng		93
14) 1,2-Dichlorobenzene	8.46	146	117962	33.222	ng		96
15) Benzyl Alcohol	8.35	79	97763	33.296	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	160013	45.258	ng		93
17) 2-Methylphenol	8.56	107	98894	37.625	ng		96
18) Hexachloroethane	9.19	117	41553	33.071	ng		90
19) n-Nitroso-di-n-propylamine	8.91	70	86366	29.234	ng	#	96
20) 3+4-Methylphenols	8.89	107	138195	35.294	ng		95
22) Acetophenone	8.93	105	166256	32.460	ng	#	94
24) Nitrobenzene	9.32	77	127917	36.038	ng	#	91
25) Isophorone	9.84	82	242245	37.005	ng	#	93
26) 2-Nitrophenol	10.04	139	64823	36.933	ng	#	87
27) 2,4-Dimethylphenol	10.09	122	114106	42.796	ng		92
28) bis(2-Chloroethoxy)methane	10.31	93	148993	35.254	ng		98
29) 2,4-Dichlorophenol	10.58	162	129607	41.259	ng		90
30) 1,2,4-Trichlorobenzene	10.78	180	137828	34.349	ng		98
31) Naphthalene	10.97	128	362597	34.570	ng		99
32) Benzoic acid	10.24	122	32584	27.217	ng	#	81
33) 4-Chloroaniline	11.10	127	61114	13.419	ng	#	91
34) Hexachlorobutadiene	11.25	225	88479	33.243	ng		93
35) Caprolactam	11.88	113	48156m	39.040	ng		
36) 4-Chloro-3-methylphenol	12.21	107	134936	37.632	ng		90
37) 2-Methylnaphthalene	12.57	142	288823	35.565	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	172145	29.713	ng		97
40) Hexachlorocyclopentadiene	12.91	237	132011	70.464	ng		91

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Operator : SJ/JU
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ALS Vial : 10 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	114663	38.738	ng		100
43) 2,4,5-Trichlorophenol	13.26	196	122210	38.328	ng		92
45) 1,1'-Biphenyl	13.56	154	382359	31.404	ng		98
46) 2-Chloronaphthalene	13.62	162	315080	35.357	ng		96
47) 2-Nitroaniline	13.82	65	89082	35.574	ng	#	77
48) Acenaphthylene	14.46	152	493792	34.437	ng		99
49) Dimethylphthalate	14.18	163	438560	35.735	ng		99
50) 2,6-Dinitrotoluene	14.30	165	98867	37.689	ng	#	79
51) Acenaphthene	14.79	154	303198	33.441	ng		98
52) 3-Nitroaniline	14.64	138	51284	19.178	ng	#	81
53) 2,4-Dinitrophenol	14.86	184	89399	81.477	ng	#	46
54) Dibenzofuran	15.13	168	507810	35.099	ng		99
55) 4-Nitrophenol	14.97	139	143793	79.600	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	146604	39.348	ng	#	77
57) Fluorene	15.78	166	417306	35.997	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	129878	43.335	ng	#	90
59) Diethylphthalate	15.53	149	447901	36.410	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	242484	34.188	ng		94
61) 4-Nitroaniline	15.80	138	106390	37.913	ng		94
62) Azobenzene	16.05	77	371687	36.474	ng		96
64) 4,6-Dinitro-2-methylphenol	15.87	198	73418	31.352	ng		80
65) n-Nitrosodiphenylamine	15.97	169	391754	32.502	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	163026	34.045	ng		97
67) Hexachlorobenzene	16.78	284	165200	33.410	ng		99
68) Atrazine	16.92	200	170018	38.577	ng		99
69) Pentachlorophenol	17.13	266	145582	62.577	ng		99
70) Phenanthrene	17.52	178	752500	34.990	ng		99
71) Anthracene	17.61	178	782513	36.789	ng		99
72) Carbazole	17.88	167	733813	38.123	ng		99
73) Di-n-butylphthalate	18.41	149	857249	38.566	ng		100
74) Fluoranthene	19.52	202	1039530	38.623	ng		99
76) Benzidine	19.69	184	276623	24.882	ng		96
77) Pyrene	19.88	202	1072909	36.145	ng		98
79) Butylbenzylphthalate	20.74	149	403277	38.727	ng		85
80) Benzo(a)anthracene	21.72	228	1046704	36.300	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	217764	21.699	ng	#	98
82) Chrysene	21.79	228	996741	36.058	ng		98
83) Bis(2-ethylhexyl)phthalate	21.60	149	553433	36.940	ng		99
84) Di-n-octyl phthalate	22.82	149	929836	37.626	ng		95
85) Indeno(1,2,3-cd)pyrene	28.80	276	1096343	37.111	ng		99
87) Benzo(b)fluoranthene	23.98	252	995365m	36.030	ng		
88) Benzo(k)fluoranthene	24.05	252	1001110	35.510	ng		98
89) Benzo(a)pyrene	24.87	252	972148	37.096	ng		99
90) Dibenzo(a,h)anthracene	28.83	278	913196	36.439	ng		100
91) Benzo(g,h,i)perylene	29.97	276	914105	37.102	ng		97

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

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