Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031461.D
Acq On : 11 Dec 2017 18:37
Operator : SJ/JU
Sample : PB104880BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104880BSD

Manual Integrations APPROVED
Sohil
12/12/2017 3:55:17 PM

Quant Time: Dec 12 04:04:02 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	45009	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	205071	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	141861	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	394458	20.00	ng		0.00
75) Chrysene-d12	21.74	240	440437	20.00	ng		0.00
86) Perylene-d12	25.02	264	431156	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	278656	109.74	ng		0.00
7) Phenol-d6	7.28	99	373162	105.86	ng		0.00
23) Nitrobenzene-d5	9.27	82	322324	96.88	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	180932	108.87	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	927821	96.00	ng		0.00
78) Terphenyl-d14	20.06	244	1729704	89.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	44137	36.429	ng	#	82
3) Pyridine	3.92	79	120981	37.925	ng		88
4) n-Nitrosodimethylamine	3.83	42	63217	42.073	ng	#	91
6) Aniline	7.43	93	149298	32.160	ng		95
8) 2-Chlorophenol	7.68	128	144106	50.878	ng		92
9) Benzaldehyde	7.25	77	42309	20.706	ng		87
10) Phenol	7.30	94	194396	53.682	ng		92
11) bis(2-Chloroethyl)ether	7.52	93	128790	43.575	ng		91
12) 1,3-Dichlorobenzene	7.99	146	152700	45.334	ng		96
13) 1,4-Dichlorobenzene	8.14	146	156398	44.677	ng		93
14) 1,2-Dichlorobenzene	8.46	146	147137	44.123	ng		95
15) Benzyl Alcohol	8.35	79	128272	46.517	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	198096	59.660	ng		91
17) 2-Methylphenol	8.56	107	128096	51.893	ng		97
18) Hexachloroethane	9.19	117	52748	44.701	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	108979	39.278	ng	#	97
20) 3+4-Methylphenols	8.89	107	175392	47.696	ng		94
22) Acetophenone	8.93	105	207350	42.147	ng	#	92
24) Nitrobenzene	9.32	77	162609	47.695	ng		93
25) Isophorone	9.84	82	312521	49.704	ng	#	93
26) 2-Nitrophenol	10.03	139	83541	49.554	ng		91
27) 2,4-Dimethylphenol	10.09	122	146562	57.229	ng		92
28) bis(2-Chloroethoxy)methane	10.31	93	191923	47.279	ng		96
29) 2,4-Dichlorophenol	10.58	162	161831	53.635	ng		94
30) 1,2,4-Trichlorobenzene	10.78	180	173952	45.134	ng		99
31) Naphthalene	10.97	128	454026	45.067	ng		98
32) Benzoic acid	10.25	122	51686	38.040	ng	#	81
33) 4-Chloroaniline	11.10	127	70707	16.164	ng		93
34) Hexachlorobutadiene	11.25	225	114248	44.689	ng		97
35) Caprolactam	11.85	113	61740m	52.111	ng		
36) 4-Chloro-3-methylphenol	12.21	107	174089	50.547	ng		94
37) 2-Methylnaphthalene	12.57	142	363379	46.585	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	220496	39.770	ng		97
40) Hexachlorocyclopentadiene	12.91	237	182576	90.131	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	147247	51.982 ng		95
43) 2,4,5-Trichlorophenol	13.26	196	162375	53.215 ng	#	94
45) 1,1'-Biphenyl	13.56	154	483862	41.528 ng		100
46) 2-Chloronaphthalene	13.61	162	399191	46.810 ng		96
47) 2-Nitroaniline	13.82	65	117164	48.892 ng	#	84
48) Acenaphthylene	14.46	152	611286	44.548 ng		99
49) Dimethylphthalate	14.18	163	550374	46.862 ng		99
50) 2,6-Dinitrotoluene	14.30	165	126538	50.406 ng	#	80
51) Acenaphthene	14.80	154	379784	43.771 ng		96
52) 3-Nitroaniline	14.64	138	69248	27.060 ng	#	82
53) 2,4-Dinitrophenol	14.86	184	121945	112.285 ng	#	52
54) Dibenzofuran	15.13	168	643565	46.481 ng		99
55) 4-Nitrophenol	14.97	139	182876	104.621 ng	#	84
56) 2,4-Dinitrotoluene	15.10	165	186790	52.388 ng	#	72
57) Fluorene	15.77	166	526386	47.448 ng		96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	160035	55.798 ng	#	91
59) Diethylphthalate	15.53	149	567790	48.231 ng		99
60) 4-Chlorophenyl-phenylether	15.76	204	305113	44.952 ng		94
61) 4-Nitroaniline	15.80	138	135106	50.310 ng		90
62) Azobenzene	16.06	77	468942	48.087 ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	93723	40.149 ng		84
65) n-Nitrosodiphenylamine	15.97	169	492704	42.673 ng		98
66) 4-Bromophenyl-phenylether	16.65	248	206237	44.962 ng		98
67) Hexachlorobenzene	16.78	284	210709	44.486 ng		96
68) Atrazine	16.92	200	217343	51.482 ng		97
69) Pentachlorophenol	17.13	266	183417	80.520 ng		98
70) Phenanthrene	17.52	178	937191	45.493 ng		98
71) Anthracene	17.61	178	971181	47.666 ng		99
72) Carbazole	17.88	167	900273	48.827 ng		99
73) Di-n-butylphthalate	18.41	149	1056055	49.597 ng		98
74) Fluoranthene	19.52	202	1261635	48.935 ng		97
76) Benzidine	19.69	184	371391	36.234 ng		97
77) Pyrene	19.88	202	1296560	47.377 ng		97
79) Butylbenzylphthalate	20.74	149	498554	51.929 ng	#	84
80) Benzo(a)anthracene	21.73	228	1254184	47.178 ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	274737	29.694 ng		95
82) Chrysene	21.79	228	1201129	47.130 ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	675389	48.897 ng		97
84) Di-n-octyl phthalate	22.82	149	1149679	50.460 ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.79	276	1359150	49.902 ng		99
87) Benzo(b)fluoranthene	23.98	252	1212403	47.035 ng		98
88) Benzo(k)fluoranthene	24.05	252	1225101	46.572 ng		99
89) Benzo(a)pyrene	24.87	252	1199931	49.072 ng		99
90) Dibenzo(a,h)anthracene	28.84	278	1119085	47.858 ng		97
91) Benzo(g,h,i)perylene	29.98	276	1139134	49.552 ng		99

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

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