Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030671.D
Acq On : 2 Nov 2017 20:38
Operator : SJ/JU
Sample : PB103875BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103875BS

Manual Integrations APPROVED
Sohil
11/3/2017 1:24:53 PM

Quant Time: Nov 03 02:00:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	64510	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	292732	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	205224	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	511220	20.00	ng		0.00
75) Chrysene-d12	21.78	240	576316	20.00	ng		0.00
86) Perylene-d12	25.08	264	610172	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	495736	128.38	ng		0.00
7) Phenol-d6	7.31	99	670531	123.71	ng		0.00
23) Nitrobenzene-d5	9.32	82	378024	82.06	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	366216	138.21	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1098486	78.50	ng		0.00
78) Terphenyl-d14	20.10	244	1894881	74.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	56224	35.885	ng	#	83
3) Pyridine	3.97	79	155558	34.094	ng		87
4) n-Nitrosodimethylamine	3.88	42	73652	34.533	ng	#	88
6) Aniline	7.47	93	160218	23.870	ng		95
8) 2-Chlorophenol	7.72	128	178769	40.388	ng		91
9) Benzaldehyde	7.29	77	70323	25.794	ng		98
10) Phenol	7.34	94	241393	41.309	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	163370	38.372	ng		89
12) 1,3-Dichlorobenzene	8.04	146	184875	37.203	ng		96
13) 1,4-Dichlorobenzene	8.19	146	185157	36.494	ng		93
14) 1,2-Dichlorobenzene	8.51	146	177406	36.252	ng		95
15) Benzyl Alcohol	8.39	79	157740	41.296	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.67	45	257284	35.583	ng		96
17) 2-Methylphenol	8.59	107	163573	42.137	ng		94
18) Hexachloroethane	9.24	117	63387	36.661	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	132868	36.051	ng	#	97
20) 3+4-Methylphenols	8.92	107	227017	41.504	ng		94
22) Acetophenone	8.98	105	257176	36.455	ng	#	92
24) Nitrobenzene	9.36	77	198224	38.272	ng		92
25) Isophorone	9.88	82	383717	39.901	ng	#	93
26) 2-Nitrophenol	10.08	139	103612	41.855	ng	#	87
27) 2,4-Dimethylphenol	10.13	122	188947	42.187	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	241447	40.945	ng		95
29) 2,4-Dichlorophenol	10.61	162	209258	43.814	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	206250	39.972	ng		97
31) Naphthalene	11.02	128	558072	38.252	ng		98
32) Benzoic acid	10.26	122	130791	34.876	ng	#	82
33) 4-Chloroaniline	11.12	127	104342	17.002	ng		94
34) Hexachlorobutadiene	11.30	225	125798	39.212	ng		96
35) Caprolactam	11.89	113	76260m	48.044	ng		
36) 4-Chloro-3-methylphenol	12.24	107	223352	42.519	ng		92
37) 2-Methylnaphthalene	12.61	142	450227	42.343	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	255388	34.085	ng		98
40) Hexachlorocyclopentadiene	12.96	237	284786	99.148	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	187264	39.813	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	207704	42.998	ng		94
45) 1,1'-Biphenyl	13.61	154	622090	35.266	ng		96
46) 2-Chloronaphthalene	13.65	162	486521	37.813	ng		96
47) 2-Nitroaniline	13.85	65	149137	42.199	ng	#	84
48) Acenaphthylene	14.49	152	782011	38.835	ng		99
49) Dimethylphthalate	14.22	163	659752	41.203	ng		99
50) 2,6-Dinitrotoluene	14.34	165	152661	45.480	ng	#	78
51) Acenaphthene	14.84	154	482370	36.817	ng		97
52) 3-Nitroaniline	14.67	138	88702	24.489	ng	#	82
53) 2,4-Dinitrophenol	14.88	184	163941	87.973	ng	#	50
54) Dibenzofuran	15.16	168	795419	42.527	ng		100
55) 4-Nitrophenol	14.98	139	258115	86.439	ng	#	80
56) 2,4-Dinitrotoluene	15.13	165	216880	47.730	ng	#	75
57) Fluorene	15.82	166	632898	40.961	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	204623	50.774	ng	#	93
59) Diethylphthalate	15.57	149	667144	41.807	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	356543	43.280	ng		93
61) 4-Nitroaniline	15.83	138	159365	42.849	ng		86
62) Azobenzene	16.09	77	579241	43.045	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	114207	40.193	ng		82
65) n-Nitrosodiphenylamine	16.02	169	590757	38.576	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	239090	40.758	ng		97
67) Hexachlorobenzene	16.82	284	259475	39.050	ng		93
68) Atrazine	16.96	200	239179	43.772	ng		99
69) Pentachlorophenol	17.16	266	307601	80.585	ng		99
70) Phenanthrene	17.56	178	1082487	40.988	ng		97
71) Anthracene	17.64	178	1106017	41.707	ng		98
72) Carbazole	17.91	167	1033937	40.587	ng		98
73) Di-n-butylphthalate	18.45	149	1197174	40.861	ng		100
74) Fluoranthene	19.55	202	1359682	44.017	ng		97
76) Benzidine	19.72	184	545565	31.352	ng		98
77) Pyrene	19.91	202	1390382	39.770	ng		96
79) Butylbenzylphthalate	20.78	149	573894	38.530	ng		91
80) Benzo(a)anthracene	21.76	228	1418184	41.912	ng		97
81) 3,3'-Dichlorobenzidine	21.67	252	322841	23.116	ng		96
82) Chrysene	21.83	228	1324621	40.877	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	807704	37.786	ng		99
84) Di-n-octyl phthalate	22.88	149	1394467	37.431	ng		96
85) Indeno(1,2,3-cd)pyrene	28.87	276	1766654	44.314	ng		98
87) Benzo(b)fluoranthene	24.03	252	1463377	41.891	ng		99
88) Benzo(k)fluoranthene	24.11	252	1440086	41.379	ng		98
89) Benzo(a)pyrene	24.93	252	1440356	42.890	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	1472276	43.303	ng		98
91) Benzo(g,h,i)perylene	30.06	276	1474522	46.677	ng		99

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

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