Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030921.D
Acq On : 11 Nov 2017 00:14
Operator : SJ/JU
Sample : PB104039BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104039BS

Manual Integrations APPROVED
SOHIL
11/13/2017 4:45:09 PM

Quant Time: Nov 11 06:12:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33096	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	146335	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	100204	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	263878	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	373622	20.00	ng		-0.01
86) Perylene-d12	25.08	264	375308	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	289670	150.08	ng		0.00
7) Phenol-d6	7.31	99	368276	141.63	ng		0.00
23) Nitrobenzene-d5	9.31	82	217228	87.96	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	217585	134.23	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	625476	89.69	ng		-0.01
78) Terphenyl-d14	20.09	244	1323477	78.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	33951	43.347	ng		85
3) Pyridine	3.95	79	93597	41.162	ng		89
4) n-Nitrosodimethylamine	3.87	42	47594	44.164	ng	#	93
6) Aniline	7.46	93	62171	18.168	ng		94
8) 2-Chlorophenol	7.71	128	105806	49.676	ng		89
9) Benzaldehyde	7.28	77	58494	32.147	ng		89
10) Phenol	7.34	94	133455	49.422	ng		93
11) bis(2-Chloroethyl)ether	7.55	93	94947	44.037	ng		88
12) 1,3-Dichlorobenzene	8.03	146	113964	45.604	ng		96
13) 1,4-Dichlorobenzene	8.18	146	117162	46.266	ng		96
14) 1,2-Dichlorobenzene	8.50	146	109295	44.967	ng		97
15) Benzyl Alcohol	8.38	79	92772	44.480	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.67	45	144677	60.750	ng		91
17) 2-Methylphenol	8.59	107	91816	48.828	ng		97
18) Hexachloroethane	9.23	117	40189	45.599	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	77993	39.449	ng	#	95
20) 3+4-Methylphenols	8.92	107	124599	46.599	ng		97
22) Acetophenone	8.96	105	149453	41.018	ng	#	94
24) Nitrobenzene	9.35	77	115187	45.662	ng		91
25) Isophorone	9.87	82	213781	44.388	ng	#	92
26) 2-Nitrophenol	10.07	139	62247	47.339	ng		89
27) 2,4-Dimethylphenol	10.12	122	104949	53.762	ng		93
28) bis(2-Chloroethoxy)methane	10.35	93	133072	43.869	ng		95
29) 2,4-Dichlorophenol	10.61	162	119387	50.931	ng		91
30) 1,2,4-Trichlorobenzene	10.82	180	128532	45.927	ng		97
31) Naphthalene	11.01	128	320369	44.535	ng		97
32) Benzoic acid	10.26	122	52432	34.107	ng		90
33) 4-Chloroaniline	11.12	127	39533	12.554	ng		98
34) Hexachlorobutadiene	11.29	225	87869	45.272	ng		97
35) Caprolactam	11.88	113	41193m	43.018	ng		
36) 4-Chloro-3-methylphenol	12.24	107	120552	47.252	ng		89
37) 2-Methylnaphthalene	12.60	142	248630	44.771	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	160509	40.359	ng		97
40) Hexachlorocyclopentadiene	12.95	237	143576	95.265	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	106420	46.808	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	115359	46.375	ng		94
45) 1,1'-Biphenyl	13.60	154	342426	41.210	ng		97
46) 2-Chloronaphthalene	13.65	162	272474	45.449	ng		97
47) 2-Nitroaniline	13.85	65	78970	44.441	ng	#	82
48) Acenaphthylene	14.49	152	425133	43.326	ng		99
49) Dimethylphthalate	14.21	163	376450	43.450	ng		99
50) 2,6-Dinitrotoluene	14.33	165	82648	46.281	ng	#	77
51) Acenaphthene	14.83	154	262541	42.842	ng		98
52) 3-Nitroaniline	14.67	138	30030	15.837	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	93324	93.892	ng	#	49
54) Dibenzofuran	15.16	168	438453	44.918	ng		99
55) 4-Nitrophenol	14.99	139	133226	98.633	ng	#	84
56) 2,4-Dinitrotoluene	15.12	165	121791	47.175	ng	#	76
57) Fluorene	15.81	166	346249	43.692	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	116201	49.013	ng	#	89
59) Diethylphthalate	15.56	149	379732	43.148	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	208718	43.609	ng		93
61) 4-Nitroaniline	15.83	138	86485	43.073	ng		92
62) Azobenzene	16.08	77	306327	45.640	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	74245	42.329	ng		80
65) n-Nitrosodiphenylamine	16.01	169	333529	41.711	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	147069	44.005	ng		96
67) Hexachlorobenzene	16.81	284	154442	43.490	ng	#	92
68) Atrazine	16.95	200	147064	44.576	ng		97
69) Pentachlorophenol	17.16	266	166901	85.024	ng		97
70) Phenanthrene	17.55	178	622133	45.281	ng		100
71) Anthracene	17.64	178	638039	46.346	ng		99
72) Carbazole	17.91	167	602068	46.674	ng		99
73) Di-n-butylphthalate	18.44	149	719076	45.401	ng		99
74) Fluoranthene	19.55	202	876219	50.369	ng		97
76) Benzidine	19.72	184	245015	20.415	ng		98
77) Pyrene	19.90	202	910340	41.061	ng		99
79) Butylbenzylphthalate	20.77	149	387085	43.789	ng		86
80) Benzo(a)anthracene	21.75	228	1029635	44.366	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	154407	16.482	ng		96
82) Chrysene	21.82	228	968575	45.117	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	551304	43.205	ng		99
84) Di-n-octyl phthalate	22.86	149	938270	45.177	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.87	276	1185078	45.408	ng	#	88
87) Benzo(b)fluoranthene	24.03	252	1051565	46.320	ng	#	96
88) Benzo(k)fluoranthene	24.09	252	1044139	46.401	ng		97
89) Benzo(a)pyrene	24.93	252	1011511	46.901	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	993692	45.078	ng		96
91) Benzo(g,h,i)perylene	30.06	276	984464	46.014	ng	#	95

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

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