Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030917.D
Acq On : 10 Nov 2017 21:44
Operator : SJ/JU
Sample : PB104078BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104078BS

Manual Integrations APPROVED
SOHIL
11/13/2017 4:45:04 PM

Quant Time: Nov 11 06:05:58 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	41726	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	178729	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	126223	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	329396	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	397803	20.00	ng		0.00
86) Perylene-d12	25.08	264	396193	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	207649	85.33	ng		0.00
7) Phenol-d6	7.31	99	273953	83.57	ng		0.00
23) Nitrobenzene-d5	9.31	82	230850	76.54	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	161741	79.21	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	686319	78.13	ng		-0.01
78) Terphenyl-d14	20.09	244	1304270	72.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	36191	36.650	ng		85
3) Pyridine	3.96	79	105428	36.776	ng		89
4) n-Nitrosodimethylamine	3.87	42	55760	41.040	ng	#	92
6) Aniline	7.47	93	72438	16.790	ng		95
8) 2-Chlorophenol	7.71	128	126963	47.280	ng		89
9) Benzaldehyde	7.28	77	65190	28.417	ng		88
10) Phenol	7.34	94	164878	48.430	ng		93
11) bis(2-Chloroethyl)ether	7.55	93	109192	40.169	ng		91
12) 1,3-Dichlorobenzene	8.03	146	131748	41.817	ng		95
13) 1,4-Dichlorobenzene	8.18	146	132763	41.584	ng		95
14) 1,2-Dichlorobenzene	8.50	146	130310	42.525	ng		97
15) Benzyl Alcohol	8.38	79	116216	44.196	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.67	45	173723	57.859	ng		91
17) 2-Methylphenol	8.59	107	111896	47.199	ng		94
18) Hexachloroethane	9.23	117	46552	41.894	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	95462	38.299	ng	#	94
20) 3+4-Methylphenols	8.92	107	152548	45.252	ng		93
22) Acetophenone	8.96	105	181649	40.819	ng	#	95
24) Nitrobenzene	9.35	77	137857	44.743	ng		94
25) Isophorone	9.87	82	263306	44.762	ng	#	92
26) 2-Nitrophenol	10.07	139	74683	46.503	ng		90
27) 2,4-Dimethylphenol	10.13	122	127026	53.278	ng		92
28) bis(2-Chloroethoxy)methane	10.35	93	162924	43.976	ng		98
29) 2,4-Dichlorophenol	10.61	162	146897	51.308	ng		91
30) 1,2,4-Trichlorobenzene	10.82	180	151499	44.322	ng		96
31) Naphthalene	11.01	128	383943	43.699	ng		98
32) Benzoic acid	10.27	122	71370	37.363	ng	#	81
33) 4-Chloroaniline	11.13	127	42384	11.020	ng		93
34) Hexachlorobutadiene	11.29	225	102890	43.403	ng		97
35) Caprolactam	11.88	113	52520m	44.906	ng		
36) 4-Chloro-3-methylphenol	12.24	107	150245	48.216	ng		89
37) 2-Methylnaphthalene	12.60	142	306011	45.117	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	193780	38.681	ng		97
40) Hexachlorocyclopentadiene	12.95	237	179716	94.732	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	132793	46.368	ng		95
43) 2,4,5-Trichlorophenol	13.29	196	144729	46.188	ng	#	92
45) 1,1'-Biphenyl	13.60	154	416757	39.817	ng		97
46) 2-Chloronaphthalene	13.65	162	334158	44.248	ng		97
47) 2-Nitroaniline	13.85	65	100420	44.863	ng	#	87
48) Acenaphthylene	14.49	152	524176	42.408	ng		98
49) Dimethylphthalate	14.21	163	471437	43.197	ng		99
50) 2,6-Dinitrotoluene	14.33	165	105079	46.713	ng	#	78
51) Acenaphthene	14.83	154	321749	41.680	ng		99
52) 3-Nitroaniline	14.67	138	34115	14.283	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	112950	90.443	ng	#	51
54) Dibenzofuran	15.16	168	538403	43.788	ng		100
55) 4-Nitrophenol	14.99	139	161973	95.197	ng	#	82
56) 2,4-Dinitrotoluene	15.13	165	153693	47.261	ng	#	75
57) Fluorene	15.81	166	434269	43.503	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	151098	50.595	ng	#	89
59) Diethylphthalate	15.56	149	473851	42.743	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	262276	43.504	ng		92
61) 4-Nitroaniline	15.83	138	107389	42.459	ng		89
62) Azobenzene	16.09	77	379523	44.889	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	88820	40.567	ng		79
65) n-Nitrosodiphenylamine	16.01	169	407673	40.843	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	183293	43.935	ng		97
67) Hexachlorobenzene	16.81	284	194465	43.869	ng	#	91
68) Atrazine	16.95	200	178144	43.257	ng		97
69) Pentachlorophenol	17.15	266	208367	85.034	ng		98
70) Phenanthrene	17.55	178	761343	44.392	ng		99
71) Anthracene	17.64	178	777196	45.225	ng		99
72) Carbazole	17.91	167	720408	44.740	ng		100
73) Di-n-butylphthalate	18.44	149	866062	43.805	ng		100
74) Fluoranthene	19.55	202	1013508	46.673	ng		97
76) Benzidine	19.72	184	257752	20.171	ng		97
77) Pyrene	19.91	202	1041602	44.125	ng		99
79) Butylbenzylphthalate	20.77	149	413560	43.940	ng		89
80) Benzo(a)anthracene	21.76	228	1087519	44.012	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	152331	15.272	ng		96
82) Chrysene	21.83	228	1021309	44.681	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	572508	42.139	ng	#	99
84) Di-n-octyl phthalate	22.87	149	956292	43.246	ng		95
85) Indeno(1,2,3-cd)pyrene	28.88	276	1226661	44.144	ng		96
87) Benzo(b)fluoranthene	24.03	252	1086320	45.328	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	1061391	44.681	ng		97
89) Benzo(a)pyrene	24.93	252	1042339	45.783	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	1028166	44.183	ng		98
91) Benzo(g,h,i)perylene	30.06	276	1021845	45.243	ng		95

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

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