Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030699.D
Acq On : 3 Nov 2017 14:34
Operator : SJ/JU
Sample : PB103878BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB103878BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:27 PM

Quant Time: Nov 03 17:24:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	58452	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	280132	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	195437	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	480857	20.00	ng		0.00
75) Chrysene-d12	21.78	240	513722	20.00	ng		0.00
86) Perylene-d12	25.09	264	526679	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	274776	78.53	ng		0.00
7) Phenol-d6	7.31	99	379225	77.21	ng		0.00
23) Nitrobenzene-d5	9.32	82	316093	71.70	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	194952	77.26	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	905506	67.95	ng		0.00
78) Terphenyl-d14	20.10	244	1583305	70.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	53362	37.588	ng		88
3) Pyridine	3.97	79	143831	34.791	ng		89
4) n-Nitrosodimethylamine	3.88	42	67080	34.712	ng	#	90
6) Aniline	7.47	93	112851	18.556	ng		93
8) 2-Chlorophenol	7.72	128	153665	38.314	ng		93
9) Benzaldehyde	7.28	77	57041	23.091	ng		92
10) Phenol	7.34	94	206794	39.055	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	137636	35.678	ng		90
12) 1,3-Dichlorobenzene	8.04	146	157439	34.965	ng		98
13) 1,4-Dichlorobenzene	8.19	146	160453	34.902	ng		96
14) 1,2-Dichlorobenzene	8.51	146	153737	34.671	ng		95
15) Benzyl Alcohol	8.39	79	135635	39.189	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.68	45	220788	33.701	ng		94
17) 2-Methylphenol	8.59	107	136891	38.919	ng		92
18) Hexachloroethane	9.24	117	55274	35.282	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	115194	34.495	ng	#	96
20) 3+4-Methylphenols	8.92	107	194400	39.225	ng		96
22) Acetophenone	8.98	105	222910	33.019	ng	#	93
24) Nitrobenzene	9.36	77	167448	33.784	ng		91
25) Isophorone	9.88	82	326878	35.520	ng		95
26) 2-Nitrophenol	10.07	139	88009	37.152	ng	#	87
27) 2,4-Dimethylphenol	10.13	122	160768	37.510	ng		89
28) bis(2-Chloroethoxy)methane	10.36	93	204736	36.281	ng		97
29) 2,4-Dichlorophenol	10.62	162	177427	38.820	ng		91
30) 1,2,4-Trichlorobenzene	10.83	180	174505	35.341	ng		100
31) Naphthalene	11.02	128	481026	34.454	ng		99
32) Benzoic acid	10.26	122	112978m	31.481	ng		
33) 4-Chloroaniline	11.12	127	96684	16.463	ng		94
34) Hexachlorobutadiene	11.30	225	107527	35.025	ng		97
35) Caprolactam	11.88	113	63825m	42.018	ng		
36) 4-Chloro-3-methylphenol	12.24	107	190043	37.806	ng	#	89
37) 2-Methylnaphthalene	12.61	142	383734	37.713	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	217617	30.498	ng		99
40) Hexachlorocyclopentadiene	12.95	237	230686	85.031	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	158031	35.280	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	170883	37.147	ng		94
45) 1,1'-Biphenyl	13.61	154	522124	31.082	ng		97
46) 2-Chloronaphthalene	13.65	162	415399	33.902	ng		97
47) 2-Nitroaniline	13.85	65	126272	37.519	ng	#	84
48) Acenaphthylene	14.50	152	664381	34.646	ng		99
49) Dimethylphthalate	14.22	163	541556	35.515	ng		99
50) 2,6-Dinitrotoluene	14.34	165	124186	38.850	ng	#	81
51) Acenaphthene	14.83	154	409981	32.859	ng		98
52) 3-Nitroaniline	14.67	138	80482	23.333	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	135043	76.990	ng	#	51
54) Dibenzofuran	15.17	168	671702	37.711	ng		99
55) 4-Nitrophenol	14.98	139	210777	74.121	ng	#	80
56) 2,4-Dinitrotoluene	15.13	165	177166	40.942	ng	#	80
57) Fluorene	15.82	166	524723	35.661	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	167785	43.718	ng		93
59) Diethylphthalate	15.57	149	549964	36.190	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	297819	37.962	ng		95
61) 4-Nitroaniline	15.83	138	130022	36.710	ng		83
62) Azobenzene	16.09	77	486652	37.976	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	92707	35.371	ng		84
65) n-Nitrosodiphenylamine	16.01	169	487333	33.832	ng		100
66) 4-Bromophenyl-phenylether	16.70	248	197593	35.810	ng		97
67) Hexachlorobenzene	16.82	284	215478	34.476	ng		95
68) Atrazine	16.95	200	191694	37.297	ng		99
69) Pentachlorophenol	17.16	266	247335	68.888	ng		99
70) Phenanthrene	17.55	178	889033	35.789	ng		97
71) Anthracene	17.64	178	910452	36.500	ng		100
72) Carbazole	17.91	167	844747	35.254	ng		100
73) Di-n-butylphthalate	18.45	149	975355	35.392	ng		100
74) Fluoranthene	19.55	202	1099529	37.843	ng		98
76) Benzidine	19.72	184	452057	29.144	ng		97
77) Pyrene	19.91	202	1128478	36.212	ng		97
79) Butylbenzylphthalate	20.78	149	459376	34.600	ng		88
80) Benzo(a)anthracene	21.76	228	1108464	36.751	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	253523	20.364	ng		99
82) Chrysene	21.83	228	1047815	36.275	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	634685	33.309	ng		98
84) Di-n-octyl phthalate	22.88	149	1084131	32.646	ng		96
85) Indeno(1,2,3-cd)pyrene	28.88	276	1316309	37.041	ng		98
87) Benzo(b)fluoranthene	24.04	252	1110422	36.827	ng		99
88) Benzo(k)fluoranthene	24.11	252	1099604	36.605	ng		98
89) Benzo(a)pyrene	24.93	252	1082957	37.360	ng		99
90) Dibenzo(a,h)anthracene	28.94	278	1094459	37.294	ng		98
91) Benzo(g,h,i)perylene	30.06	276	1094086	40.124	ng		98

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

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