Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028653.D
Acq On : 11 Sep 2017 23:07
Operator : SJ/JU
Sample : PB102205BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102205BS

Manual Integrations APPROVED
Sohil
9/12/2017 6:03:18 PM

Quant Time: Sep 12 06:00:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	42087	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	169371	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	119234	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	310964	20.00	ng		0.00
75) Chrysene-d12	22.03	240	378926	20.00	ng		0.00
86) Perylene-d12	25.53	264	357849	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	205517	82.22	ng		0.00
7) Phenol-d6	7.49	99	291793	80.48	ng		0.00
23) Nitrobenzene-d5	9.51	82	271855	73.70	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	159503	88.01	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	711844	78.10	ng		0.00
78) Terphenyl-d14	20.28	244	1239053	70.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	28373	27.750	ng		98
3) Pyridine	4.24	79	87544	27.573	ng		95
4) n-Nitrosodimethylamine	4.15	42	48372	31.970	ng	#	75
6) Aniline	7.66	93	120075	25.867	ng		95
8) 2-Chlorophenol	7.90	128	106143	37.617	ng		93
9) Benzaldehyde	7.47	77	75871	35.462	ng		95
10) Phenol	7.52	94	155190	39.516	ng		91
11) bis(2-Chloroethyl)ether	7.74	93	99541	34.472	ng		92
12) 1,3-Dichlorobenzene	8.22	146	105854	32.035	ng		97
13) 1,4-Dichlorobenzene	8.37	146	110578	33.940	ng		98
14) 1,2-Dichlorobenzene	8.69	146	103921	32.459	ng		96
15) Benzyl Alcohol	8.57	79	113495	39.490	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.84	45	190967	32.077	ng		98
17) 2-Methylphenol	8.77	107	101437	40.275	ng		92
18) Hexachloroethane	9.42	117	39326	30.724	ng		90
19) n-Nitroso-di-n-propylamine	9.13	70	94106	32.826	ng		91
20) 3+4-Methylphenols	9.10	107	141718	40.639	ng		89
22) Acetophenone	9.15	105	167818	35.666	ng	#	91
24) Nitrobenzene	9.55	77	141641	36.349	ng		93
25) Isophorone	10.06	82	257554	37.921	ng		97
26) 2-Nitrophenol	10.26	139	59870	37.048	ng		95
27) 2,4-Dimethylphenol	10.31	122	117097	40.120	ng		99
28) bis(2-Chloroethoxy)methane	10.54	93	146878	36.237	ng		98
29) 2,4-Dichlorophenol	10.80	162	117751	41.093	ng		97
30) 1,2,4-Trichlorobenzene	11.01	180	125143	35.493	ng		97
31) Naphthalene	11.21	128	327890	35.665	ng		98
32) Benzoic acid	10.46	122	65810	35.788	ng		90
33) 4-Chloroaniline	11.31	127	58880	15.192	ng		95
34) Hexachlorobutadiene	11.48	225	88712	34.821	ng		98
35) Caprolactam	12.09	113	44051m	40.614	ng		
36) 4-Chloro-3-methylphenol	12.42	107	145336	39.836	ng		97
37) 2-Methylnaphthalene	12.79	142	258820	38.181	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	167254	36.113	ng		96
40) Hexachlorocyclopentadiene	13.12	237	172720	84.576	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	113310	38.301	ng		97
43) 2,4,5-Trichlorophenol	13.47	196	124167	42.000	ng		95
45) 1,1'-Biphenyl	13.78	154	344511	34.413	ng		97
46) 2-Chloronaphthalene	13.83	162	273081	35.913	ng		99
47) 2-Nitroaniline	14.03	65	108702	35.063	ng	#	88
48) Acenaphthylene	14.67	152	438475	37.601	ng		97
49) Dimethylphthalate	14.39	163	383024	38.988	ng		99
50) 2,6-Dinitrotoluene	14.52	165	86174	40.039	ng		83
51) Acenaphthene	15.01	154	266732	37.350	ng		95
52) 3-Nitroaniline	14.85	138	43642	20.077	ng		92
53) 2,4-Dinitrophenol	15.07	184	107641	80.073	ng		92
54) Dibenzofuran	15.34	168	457038	41.404	ng		95
55) 4-Nitrophenol	15.17	139	125524	81.037	ng	#	71
56) 2,4-Dinitrotoluene	15.31	165	124980	40.291	ng		91
57) Fluorene	15.99	166	387292	38.382	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.57	232	118416	44.849	ng		95
59) Diethylphthalate	15.74	149	403006	39.151	ng		98
60) 4-Chlorophenyl-phenylether	15.97	204	220923	38.766	ng		89
61) 4-Nitroaniline	16.02	138	86433	36.728	ng	#	80
62) Azobenzene	16.26	77	372271	40.491	ng		94
64) 4,6-Dinitro-2-methylphenol	16.08	198	81968	37.116	ng		96
65) n-Nitrosodiphenylamine	16.19	169	337758	36.781	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	150061	37.164	ng		96
67) Hexachlorobenzene	17.00	284	159917	35.988	ng	#	87
68) Atrazine	17.13	200	150572	45.457	ng		97
69) Pentachlorophenol	17.35	266	163465	79.038	ng		96
70) Phenanthrene	17.74	178	633949	38.337	ng		95
71) Anthracene	17.83	178	650367	38.674	ng		97
72) Carbazole	18.10	167	576882	38.344	ng	#	94
73) Di-n-butylphthalate	18.63	149	688738	37.699	ng	#	93
74) Fluoranthene	19.74	202	799692	37.879	ng		93
76) Benzidine	19.91	184	317275	41.214	ng		97
77) Pyrene	20.10	202	822976	36.617	ng		95
79) Butylbenzylphthalate	20.96	149	318399	36.624	ng		93
80) Benzo(a)anthracene	22.01	228	850910	37.505	ng		94
81) 3,3'-Dichlorobenzidine	21.91	252	194554	22.318	ng		98
82) Chrysene	22.08	228	785880	36.730	ng		94
83) Bis(2-ethylhexyl)phthalate	21.86	149	446593	35.654	ng		99
84) Di-n-octyl phthalate	23.16	149	768387	35.789	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.57	276	1001834	39.524	ng		100
87) Benzo(b)fluoranthene	24.42	252	839461	37.452	ng		97
88) Benzo(k)fluoranthene	24.49	252	853490	39.435	ng		93
89) Benzo(a)pyrene	25.37	252	825470	39.263	ng		96
90) Dibenzo(a,h)anthracene	29.63	278	844856	38.728	ng		98
91) Benzo(g,h,i)perylene	30.84	276	818154	38.239	ng		98

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

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