Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028636.D
Acq On : 11 Sep 2017 11:18
Operator : SJ/JU
Sample : PB102150BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB102150BS

Manual Integrations APPROVED
Sohil
9/12/2017 6:03:07 PM

Quant Time: Sep 12 04:53:12 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	8.34	152	43123	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	174589	20.00	ng		-0.01
38) Acenaphthene-d10	14.95	164	124326	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	309793	20.00	ng		0.00
75) Chrysene-d12	22.03	240	371501	20.00	ng		0.00
86) Perylene-d12	25.53	264	361960	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	216624	84.58	ng		0.00
7) Phenol-d6	7.49	99	305343	82.19	ng		0.00
23) Nitrobenzene-d5	9.50	82	290573	76.42	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	156219	82.67	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	740313	77.90	ng		0.00
78) Terphenyl-d14	20.28	244	1218025	70.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	28626	27.325	ng		94
3) Pyridine	4.24	79	94562	29.068	ng		94
4) n-Nitrosodimethylamine	4.16	42	51151	32.995	ng	#	80
6) Aniline	7.66	93	125996	26.491	ng		97
8) 2-Chlorophenol	7.91	128	108615	37.569	ng		91
9) Benzaldehyde	7.48	77	80287	36.624	ng		94
10) Phenol	7.52	94	160444	39.873	ng		90
11) bis(2-Chloroethyl)ether	7.74	93	104108	35.188	ng		96
12) 1,3-Dichlorobenzene	8.22	146	109755	32.418	ng		92
13) 1,4-Dichlorobenzene	8.37	146	116247	34.823	ng		97
14) 1,2-Dichlorobenzene	8.69	146	110167	33.583	ng		92
15) Benzyl Alcohol	8.57	79	118651	40.292	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.85	45	199577	32.717	ng		99
17) 2-Methylphenol	8.77	107	105179	40.757	ng	#	93
18) Hexachloroethane	9.42	117	41427	31.588	ng		88
19) n-Nitroso-di-n-propylamine	9.13	70	98794	33.633	ng		87
20) 3+4-Methylphenols	9.10	107	142495	39.880	ng		93
22) Acetophenone	9.16	105	177721	36.642	ng	#	90
24) Nitrobenzene	9.55	77	145265	36.165	ng		93
25) Isophorone	10.06	82	266297	38.036	ng		99
26) 2-Nitrophenol	10.26	139	60763	36.477	ng		90
27) 2,4-Dimethylphenol	10.31	122	119895	39.851	ng		99
28) bis(2-Chloroethoxy)methane	10.54	93	150321	35.978	ng		98
29) 2,4-Dichlorophenol	10.80	162	121353	41.085	ng		94
30) 1,2,4-Trichlorobenzene	11.01	180	130151	35.810	ng		96
31) Naphthalene	11.20	128	339620	35.836	ng		98
32) Benzoic acid	10.46	122	64077	33.804	ng	#	88
33) 4-Chloroaniline	11.31	127	61295	15.343	ng		92
34) Hexachlorobutadiene	11.47	225	90903	34.614	ng		98
35) Caprolactam	12.09	113	43997m	39.352	ng		
36) 4-Chloro-3-methylphenol	12.42	107	144614	38.453	ng		97
37) 2-Methylnaphthalene	12.78	142	266868	38.191	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	169993	35.202	ng		97
40) Hexachlorocyclopentadiene	13.12	237	181690	85.244	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	113694	36.857	ng		93
43) 2,4,5-Trichlorophenol	13.47	196	123834	40.171	ng	#	88
45) 1,1'-Biphenyl	13.78	154	356585	34.160	ng		99
46) 2-Chloronaphthalene	13.83	162	275466	34.743	ng		98
47) 2-Nitroaniline	14.03	65	108650	33.611	ng		95
48) Acenaphthylene	14.67	152	442063	36.356	ng		97
49) Dimethylphthalate	14.39	163	378297	36.930	ng		97
50) 2,6-Dinitrotoluene	14.52	165	87917	39.176	ng	#	74
51) Acenaphthene	15.01	154	269247	36.158	ng		97
52) 3-Nitroaniline	14.85	138	44137	19.473	ng	#	82
53) 2,4-Dinitrophenol	15.07	184	105278	75.472	ng		97
54) Dibenzofuran	15.34	168	451891	39.261	ng		95
55) 4-Nitrophenol	15.17	139	124730	77.227	ng	#	76
56) 2,4-Dinitrotoluene	15.31	165	126824	39.211	ng	#	87
57) Fluorene	15.99	166	381305	36.241	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.57	232	118939	43.202	ng	#	94
59) Diethylphthalate	15.74	149	401351	37.394	ng		98
60) 4-Chlorophenyl-phenylether	15.97	204	215683	36.296	ng		91
61) 4-Nitroaniline	16.02	138	85710	34.929	ng	#	84
62) Azobenzene	16.27	77	373711	38.983	ng		92
64) 4,6-Dinitro-2-methylphenol	16.08	198	78742	35.790	ng		99
65) n-Nitrosodiphenylamine	16.19	169	335421	36.665	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	151615	37.691	ng		98
67) Hexachlorobenzene	17.00	284	156477	35.347	ng	#	88
68) Atrazine	17.13	200	145944	44.227	ng		96
69) Pentachlorophenol	17.35	266	164658	79.916	ng		96
70) Phenanthrene	17.74	178	627877	38.113	ng		95
71) Anthracene	17.83	178	641446	38.288	ng		97
72) Carbazole	18.10	167	572151	38.174	ng		96
73) Di-n-butylphthalate	18.62	149	690380	37.932	ng	#	95
74) Fluoranthene	19.74	202	800105	38.042	ng		93
76) Benzidine	19.91	184	323229	42.827	ng		96
77) Pyrene	20.10	202	820726	37.247	ng		95
79) Butylbenzylphthalate	20.96	149	313868	36.825	ng		93
80) Benzo(a)anthracene	22.01	228	838802	37.710	ng		94
81) 3,3'-Dichlorobenzidine	21.91	252	191636	22.423	ng	#	99
82) Chrysene	22.08	228	787028	37.519	ng		95
83) Bis(2-ethylhexyl)phthalate	21.86	149	449875	36.633	ng		98
84) Di-n-octyl phthalate	23.16	149	781268	37.117	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.56	276	987707	39.745	ng		100
87) Benzo(b)fluoranthene	24.41	252	840836	37.087	ng		98
88) Benzo(k)fluoranthene	24.49	252	831797	37.996	ng		95
89) Benzo(a)pyrene	25.37	252	819162	38.521	ng		96
90) Dibenzo(a,h)anthracene	29.62	278	821982	37.251	ng		98
91) Benzo(g,h,i)perylene	30.83	276	811740	37.508	ng		99

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

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