Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030701.D
Acq On : 3 Nov 2017 15:50
Operator : SJ/JU
Sample : PB103948BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103948BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:31 PM

Quant Time: Nov 03 17:28:09 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	56775	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	266561	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	187480	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	463305	20.00	ng		0.00
75) Chrysene-d12	21.78	240	521524	20.00	ng		0.00
86) Perylene-d12	25.08	264	538638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	382453	112.53	ng		0.00
7) Phenol-d6	7.31	99	519451	108.89	ng		0.00
23) Nitrobenzene-d5	9.32	82	295448	70.43	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	275069	113.64	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	851224	66.59	ng		0.00
78) Terphenyl-d14	20.10	244	1476696	64.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	46315	33.588	ng		89
3) Pyridine	3.97	79	127644	31.787	ng		90
4) n-Nitrosodimethylamine	3.88	42	61295	32.655	ng	#	92
6) Aniline	7.47	93	123639	20.930	ng		94
8) 2-Chlorophenol	7.72	128	137437	35.280	ng		89
9) Benzaldehyde	7.29	77	52293	21.794	ng		94
10) Phenol	7.34	94	184380	35.851	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	127729	34.088	ng		90
12) 1,3-Dichlorobenzene	8.04	146	144223	32.976	ng		96
13) 1,4-Dichlorobenzene	8.19	146	144499	32.360	ng		95
14) 1,2-Dichlorobenzene	8.51	146	142136	33.002	ng		95
15) Benzyl Alcohol	8.38	79	125179	37.236	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.68	45	201179	31.614	ng		94
17) 2-Methylphenol	8.60	107	125937	36.862	ng		97
18) Hexachloroethane	9.24	117	52292	34.364	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	103729	31.979	ng	#	95
20) 3+4-Methylphenols	8.92	107	176821	36.732	ng		98
22) Acetophenone	8.98	105	198916	30.965	ng	#	92
24) Nitrobenzene	9.36	77	153797	32.609	ng		91
25) Isophorone	9.88	82	299498	34.201	ng	#	94
26) 2-Nitrophenol	10.08	139	81055	35.958	ng		91
27) 2,4-Dimethylphenol	10.13	122	145696	35.724	ng		92
28) bis(2-Chloroethoxy)methane	10.36	93	184780	34.412	ng		96
29) 2,4-Dichlorophenol	10.61	162	160244	36.845	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	158086	33.646	ng		98
31) Naphthalene	11.02	128	430913	32.436	ng		98
32) Benzoic acid	10.25	122	102502m	30.016	ng		
33) 4-Chloroaniline	11.12	127	107911	19.310	ng		97
34) Hexachlorobutadiene	11.30	225	100123	34.273	ng		98
35) Caprolactam	11.88	113	58825m	40.698	ng		
36) 4-Chloro-3-methylphenol	12.23	107	169997	35.540	ng		88
37) 2-Methylnaphthalene	12.61	142	348082	35.950	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	197976	28.923	ng		98
40) Hexachlorocyclopentadiene	12.96	237	208251	80.294	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	140519	32.702	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	157947	35.792	ng		93
45) 1,1'-Biphenyl	13.61	154	473371	29.375	ng		97
46) 2-Chloronaphthalene	13.65	162	371828	31.634	ng		97
47) 2-Nitroaniline	13.85	65	114818	35.563	ng	#	88
48) Acenaphthylene	14.49	152	598784	32.550	ng		98
49) Dimethylphthalate	14.22	163	490500	33.532	ng		100
50) 2,6-Dinitrotoluene	14.34	165	112818	36.792	ng	#	76
51) Acenaphthene	14.84	154	369085	30.837	ng		99
52) 3-Nitroaniline	14.67	138	78628	23.763	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	116732	70.031	ng	#	50
54) Dibenzofuran	15.16	168	605344	35.428	ng		99
55) 4-Nitrophenol	14.98	139	194865	71.433	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	161602	38.931	ng	#	78
57) Fluorene	15.81	166	481464	34.110	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	151581	41.172	ng	#	93
59) Diethylphthalate	15.57	149	500185	34.311	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	270723	35.973	ng		94
61) 4-Nitroaniline	15.83	138	120621	35.501	ng		85
62) Azobenzene	16.09	77	440933	35.868	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	85615	34.111	ng		86
65) n-Nitrosodiphenylamine	16.01	169	439684	31.680	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	176562	33.211	ng		97
67) Hexachlorobenzene	16.82	284	192639	31.989	ng		98
68) Atrazine	16.95	200	175924	35.525	ng		99
69) Pentachlorophenol	17.16	266	225553	65.201	ng		98
70) Phenanthrene	17.56	178	811396	33.901	ng		98
71) Anthracene	17.64	178	832509	34.640	ng		100
72) Carbazole	17.91	167	777441	33.675	ng		99
73) Di-n-butylphthalate	18.45	149	891643	33.580	ng		100
74) Fluoranthene	19.55	202	1025225	36.622	ng		97
76) Benzidine	19.72	184	475167	30.176	ng		99
77) Pyrene	19.91	202	1047053	33.096	ng		97
79) Butylbenzylphthalate	20.78	149	437396	32.451	ng		90
80) Benzo(a)anthracene	21.76	228	1067146	34.851	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	263203	20.826	ng		99
82) Chrysene	21.83	228	1002924	34.202	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	611229	31.598	ng		99
84) Di-n-octyl phthalate	22.88	149	1052535	31.221	ng		96
85) Indeno(1,2,3-cd)pyrene	28.87	276	1273472	35.300	ng		98
87) Benzo(b)fluoranthene	24.03	252	1083697	35.142	ng		99
88) Benzo(k)fluoranthene	24.10	252	1065416	34.679	ng		99
89) Benzo(a)pyrene	24.93	252	1062435	35.838	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	1062879	35.414	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1061757	38.074	ng		100

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

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