Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030927.D
Acq On : 11 Nov 2017 3:59
Operator : SJ/JU
Sample : PB104155BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104155BS

Manual Integrations APPROVED
SOHIL
11/13/2017 4:45:14 PM

Quant Time: Nov 13 03:01:06 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	38494	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	161633	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	109226	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	296840	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	435251	20.00	ng		0.00
86) Perylene-d12	25.07	264	442134	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	277138	123.45	ng		0.00
7) Phenol-d6	7.31	99	351838	116.34	ng		0.00
23) Nitrobenzene-d5	9.31	82	209964	76.97	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	213167	120.64	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	603232	79.36	ng		-0.01
78) Terphenyl-d14	20.09	244	1305250	66.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	31415	34.485	ng		88
3) Pyridine	3.96	79	93099	35.202	ng		89
4) n-Nitrosodimethylamine	3.87	42	46225	36.879	ng	#	88
6) Aniline	7.46	93	80216	20.154	ng		94
8) 2-Chlorophenol	7.71	128	103257	41.681	ng		86
9) Benzaldehyde	7.28	77	49399	23.341	ng		91
10) Phenol	7.34	94	131196	41.772	ng		93
11) bis(2-Chloroethyl)ether	7.55	93	92636	36.940	ng		89
12) 1,3-Dichlorobenzene	8.03	146	110737	38.099	ng		96
13) 1,4-Dichlorobenzene	8.18	146	113394	38.499	ng		94
14) 1,2-Dichlorobenzene	8.50	146	108799	38.486	ng		99
15) Benzyl Alcohol	8.38	79	86629	35.710	ng		85
16) 2,2'-oxybis(1-Chloropropan	8.66	45	140126	50.588	ng		93
17) 2-Methylphenol	8.59	107	87606	40.056	ng		99
18) Hexachloroethane	9.23	117	40131	39.148	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	74287	32.306	ng	#	94
20) 3+4-Methylphenols	8.92	107	118471	38.094	ng		96
22) Acetophenone	8.96	105	147255	36.590	ng	#	94
24) Nitrobenzene	9.35	77	111188	39.905	ng		92
25) Isophorone	9.87	82	205652	38.658	ng	#	94
26) 2-Nitrophenol	10.07	139	58951	40.589	ng		91
27) 2,4-Dimethylphenol	10.12	122	98203	45.545	ng		93
28) bis(2-Chloroethoxy)methane	10.35	93	128278	38.286	ng		94
29) 2,4-Dichlorophenol	10.61	162	113510	43.840	ng		89
30) 1,2,4-Trichlorobenzene	10.82	180	125087	40.466	ng		99
31) Naphthalene	11.01	128	311870	39.250	ng		100
32) Benzoic acid	10.26	122	49215m	29.834	ng		
33) 4-Chloroaniline	11.12	127	51650	14.849	ng		94
34) Hexachlorobutadiene	11.29	225	86037	40.133	ng		94
35) Caprolactam	11.92	113	39493m	37.339	ng		
36) 4-Chloro-3-methylphenol	12.24	107	115750	41.075	ng	#	87
37) 2-Methylnaphthalene	12.61	142	242164	39.480	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	153224	35.345	ng		96
40) Hexachlorocyclopentadiene	12.95	237	135247	83.774	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	102538	41.375	ng		100
43) 2,4,5-Trichlorophenol	13.29	196	110564	40.776	ng		94
45) 1,1'-Biphenyl	13.60	154	328156	36.231	ng		99
46) 2-Chloronaphthalene	13.65	162	260351	39.840	ng		96
47) 2-Nitroaniline	13.85	65	75071	38.758	ng	#	83
48) Acenaphthylene	14.49	152	404752	37.842	ng		98
49) Dimethylphthalate	14.21	163	359702	38.087	ng		99
50) 2,6-Dinitrotoluene	14.33	165	80894	41.557	ng	#	75
51) Acenaphthene	14.83	154	250745	37.537	ng		98
52) 3-Nitroaniline	14.67	138	38997	18.867	ng	#	87
53) 2,4-Dinitrophenol	14.88	184	93620	86.877	ng	#	55
54) Dibenzofuran	15.16	168	416994	39.191	ng		100
55) 4-Nitrophenol	14.99	139	126980	86.244	ng	#	82
56) 2,4-Dinitrotoluene	15.13	165	117346	41.699	ng	#	72
57) Fluorene	15.81	166	334111	38.678	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	111898	43.300	ng	#	89
59) Diethylphthalate	15.56	149	360847	37.615	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	203280	38.965	ng		91
61) 4-Nitroaniline	15.83	138	87837	40.133	ng		86
62) Azobenzene	16.08	77	289728	39.601	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	69277	35.111	ng		78
65) n-Nitrosodiphenylamine	16.01	169	317272	35.272	ng		100
66) 4-Bromophenyl-phenylether	16.68	248	142970	38.028	ng		96
67) Hexachlorobenzene	16.81	284	152199	38.100	ng		93
68) Atrazine	16.95	200	139982	37.718	ng		97
69) Pentachlorophenol	17.16	266	158837	71.930	ng		98
70) Phenanthrene	17.55	178	599197	38.769	ng		98
71) Anthracene	17.64	178	617868	39.897	ng		99
72) Carbazole	17.91	167	588586	40.562	ng		99
73) Di-n-butylphthalate	18.45	149	686232	38.516	ng		100
74) Fluoranthene	19.54	202	861938	44.046	ng		98
76) Benzidine	19.72	184	293584	20.999	ng		98
77) Pyrene	19.91	202	895457	34.671	ng		99
79) Butylbenzylphthalate	20.77	149	378423	36.747	ng		85
80) Benzo(a)anthracene	21.75	228	1032382	38.185	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	202302	18.537	ng		97
82) Chrysene	21.82	228	963762	38.536	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	545476	36.695	ng	#	99
84) Di-n-octyl phthalate	22.86	149	928318	38.369	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.87	276	1185164	38.981	ng		96
87) Benzo(b)fluoranthene	24.03	252	1069119	39.975	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	1012300	38.187	ng		97
89) Benzo(a)pyrene	24.93	252	1008114	39.679	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	992865	38.233	ng		96
91) Benzo(g,h,i)perylene	30.06	276	978271	38.813	ng		95

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

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