Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011818\
Data File : BG032140.D
Acq On : 18 Jan 2018 17:39
Operator : SJ/JU
Sample : PB105758BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105758BS

Quant Time: Jan 19 00:28:43 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	47827	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	185232	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	124380	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	345709	20.00	ng		0.00
75) Chrysene-d12	22.45	240	437552	20.00	ng		0.00
86) Perylene-d12	26.15	264	472065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	321539	122.96	ng		0.00
7) Phenol-d6	7.85	99	392267	119.10	ng		0.00
23) Nitrobenzene-d5	9.95	82	230023	84.01	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	274256	133.25	ng		0.00
44) 2-Fluorobiphenyl	14.00	172	788259	78.58	ng		0.00
78) Terphenyl-d14	20.65	244	1648487	83.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	29746	29.609	ng	#	80
3) Pyridine	4.28	79	85825	32.005	ng	#	80
4) n-Nitrosodimethylamine	4.19	42	44853	47.609	ng	#	89
6) Aniline	8.04	93	67064	16.144	ng		93
8) 2-Chlorophenol	8.29	128	118440	40.476	ng		84
9) Benzaldehyde	7.84	77	14635	7.669	ng		94
10) Phenol	7.88	94	129967	40.060	ng		99
11) bis(2-Chloroethyl)ether	8.13	93	90356	34.763	ng	#	81
12) 1,3-Dichlorobenzene	8.63	146	136961	35.762	ng		95
13) 1,4-Dichlorobenzene	8.78	146	139265	36.116	ng		91
14) 1,2-Dichlorobenzene	9.11	146	131154	35.165	ng		96
15) Benzyl Alcohol	8.98	79	99775	41.702	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.28	45	95738	36.244	ng		82
17) 2-Methylphenol	9.18	107	91796	37.024	ng		96
18) Hexachloroethane	9.87	117	44056	37.175	ng	#	78
19) n-Nitroso-di-n-propylamine	9.56	70	72706	35.580	ng	#	88
20) 3+4-Methylphenols	9.51	107	125418	36.514	ng		93
22) Acetophenone	9.59	105	165577	39.352	ng	#	89
24) Nitrobenzene	9.99	77	110838	40.585	ng	#	88
25) Isophorone	10.51	82	200964	39.419	ng	#	88
26) 2-Nitrophenol	10.71	139	68329	42.225	ng	#	84
27) 2,4-Dimethylphenol	10.75	122	115572	45.006	ng		89
28) bis(2-Chloroethoxy)methane	10.99	93	122098	39.751	ng	#	98
29) 2,4-Dichlorophenol	11.26	162	138770	43.918	ng		90
30) 1,2,4-Trichlorobenzene	11.48	180	156905	38.450	ng		95
31) Naphthalene	11.68	128	346176	37.726	ng		98
32) Benzoic acid	10.86	122	62482	32.266	ng		87
33) 4-Chloroaniline	11.77	127	64416	16.371	ng	#	90
34) Hexachlorobutadiene	11.95	225	113308	38.658	ng		99
35) Caprolactam	12.52	113	45560	47.528	ng	#	46
36) 4-Chloro-3-methylphenol	12.85	107	127245	43.996	ng	#	85
37) 2-Methylnaphthalene	13.24	142	280711	38.533	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.59	216	215446	39.738	ng		96
40) Hexachlorocyclopentadiene	13.57	237	287930	94.289	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	132538	43.507	ng		98
43) 2,4,5-Trichlorophenol	13.89	196	147520	41.836	ng	#	93
45) 1,1'-Biphenyl	14.22	154	407412	38.209	ng		96
46) 2-Chloronaphthalene	14.28	162	308410	37.180	ng		96
47) 2-Nitroaniline	14.46	65	73726	46.428	ng	#	76
48) Acenaphthylene	15.11	152	467741	37.030	ng		98
49) Dimethylphthalate	14.81	163	427083	39.238	ng		98
50) 2,6-Dinitrotoluene	14.94	165	97790	43.285	ng	#	70
51) Acenaphthene	15.44	154	359744	43.070	ng		99
52) 3-Nitroaniline	15.27	138	54402	26.661	ng	#	73
53) 2,4-Dinitrophenol	15.47	184	117492	101.612	ng	#	62
54) Dibenzofuran	15.77	168	500840	40.196	ng		98
55) 4-Nitrophenol	15.55	139	161002	108.271	ng	#	80
56) 2,4-Dinitrotoluene	15.71	165	139945	46.010	ng	#	67
57) Fluorene	16.41	166	407158	39.843	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.98	232	156808	48.072	ng	#	86
59) Diethylphthalate	16.16	149	430833	40.830	ng		95
60) 4-Chlorophenyl-phenylether	16.40	204	251026	40.045	ng		92
61) 4-Nitroaniline	16.42	138	86213	44.046	ng		92
62) Azobenzene	16.69	77	276424	41.854	ng		85
64) 4,6-Dinitro-2-methylphenol	16.47	198	85300	39.511	ng	#	68
65) n-Nitrosodiphenylamine	16.61	169	386741	36.867	ng		100
66) 4-Bromophenyl-phenylether	17.29	248	189527	38.531	ng		94
67) Hexachlorobenzene	17.41	284	191144	35.124	ng	#	90
68) Atrazine	17.53	200	191175	43.334	ng		98
69) Pentachlorophenol	17.75	266	266830	76.711	ng		98
70) Phenanthrene	18.16	178	737796	38.332	ng		99
71) Anthracene	18.25	178	757075	39.436	ng		99
72) Carbazole	18.51	167	683053	41.016	ng		99
73) Di-n-butylphthalate	19.01	149	772098	39.236	ng		100
74) Fluoranthene	20.12	202	1029397	42.715	ng		95
76) Benzidine	20.28	184	314524	28.746	ng		98
77) Pyrene	20.47	202	1042886	37.915	ng		98
79) Butylbenzylphthalate	21.34	149	363112	36.845	ng	#	76
80) Benzo(a)anthracene	22.43	228	1085520	39.892	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	240607	23.670	ng	#	97
82) Chrysene	22.51	228	1019479	39.011	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	510279	35.309	ng	#	98
84) Di-n-octyl phthalate	23.65	149	859447	37.444	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.44	276	1326429	41.475	ng	#	84
87) Benzo(b)fluoranthene	24.97	252	1138627	39.905	ng	#	96
88) Benzo(k)fluoranthene	25.04	252	1102745	39.550	ng	#	96
89) Benzo(a)pyrene	25.98	252	1108835	41.080	ng	#	96
90) Dibenzo(a,h)anthracene	30.52	278	1113594	42.813	ng	#	94
91) Benzo(g,h,i)perylene	31.79	276	1116222	41.987	ng	#	92

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

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