Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033512.D
Acq On : 3 Apr 2018 6:39
Operator : SJ/JU
Sample : PB107894BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107894BS

Manual Integrations APPROVED
Sohil
4/3/2018 12:08:16 PM

Quant Time: Apr 03 07:58:56 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35906	20.00	ng		-0.01
21) Naphthalene-d8	11.74	136	150864	20.00	ng		-0.01
38) Acenaphthene-d10	15.48	164	117319	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	316040	20.00	ng		0.00
75) Chrysene-d12	22.55	240	321464	20.00	ng		0.00
86) Perylene-d12	26.31	264	354017	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	279941	146.19	ng		0.00
7) Phenol-d6	7.98	99	433650	131.80	ng		0.00
23) Nitrobenzene-d5	10.06	82	277383	84.47	ng		-0.01
41) 2,4,6-Tribromophenol	16.95	330	220969	125.93	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	678806	83.53	ng		0.00
78) Terphenyl-d14	20.73	244	1274039	84.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	34061	35.026	ng		92
3) Pyridine	4.38	79	94414	35.122	ng		97
4) n-Nitrosodimethylamine	4.29	42	47190	42.777	ng	#	85
6) Aniline	8.15	93	45898	11.863	ng		96
8) 2-Chlorophenol	8.41	128	97127	44.368	ng		91
9) Benzaldehyde	7.96	77	36980	17.686	ng		92
10) Phenol	8.01	94	143822	44.275	ng		91
11) bis(2-Chloroethyl)ether	8.24	93	87684	33.070	ng		92
12) 1,3-Dichlorobenzene	8.75	146	103717m	36.239	ng		
13) 1,4-Dichlorobenzene	8.90	146	104645	36.509	ng		98
14) 1,2-Dichlorobenzene	9.23	146	101512	36.287	ng		99
15) Benzyl Alcohol	9.10	79	107755	41.597	ng		87
16) 2,2'-oxybis(1-Chloropropan	9.38	45	165061	38.187	ng		85
17) 2-Methylphenol	9.30	107	89471	40.432	ng	#	89
18) Hexachloroethane	9.98	117	41393	37.417	ng		96
19) n-Nitroso-di-n-propylamine	9.66	70	87128	36.139	ng		98
20) 3+4-Methylphenols	9.64	107	129798	41.196	ng		93
22) Acetophenone	9.70	105	162689	39.362	ng	#	97
24) Nitrobenzene	10.11	77	134597	38.296	ng		94
25) Isophorone	10.62	82	264928	41.570	ng		99
26) 2-Nitrophenol	10.83	139	57365	43.111	ng	#	92
27) 2,4-Dimethylphenol	10.87	122	96222	49.778	ng		84
28) bis(2-Chloroethoxy)methane	11.10	93	131940	41.493	ng		98
29) 2,4-Dichlorophenol	11.38	162	110587	46.519	ng		94
30) 1,2,4-Trichlorobenzene	11.60	180	115667	37.449	ng		93
31) Naphthalene	11.80	128	311294	39.819	ng		98
32) Benzoic acid	11.00	122	46768	26.026	ng		91
33) 4-Chloroaniline	11.91	127	36692	10.476	ng	#	86
34) Hexachlorobutadiene	12.05	225	83645	35.812	ng		96
35) Caprolactam	12.64	113	40067	43.022	ng		95
36) 4-Chloro-3-methylphenol	12.96	107	141505	45.639	ng		96
37) 2-Methylnaphthalene	13.35	142	242385	39.945	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	155850	36.674	ng		96
40) Hexachlorocyclopentadiene	13.67	237	189781	76.180	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	107459	43.523	ng		92
43) 2,4,5-Trichlorophenol	14.00	196	120224	41.195	ng		95
45) 1,1'-Biphenyl	14.32	154	347167	38.517	ng		96
46) 2-Chloronaphthalene	14.38	162	268278	38.603	ng		98
47) 2-Nitroaniline	14.57	65	111813	42.954	ng		98
48) Acenaphthylene	15.21	152	447069	38.539	ng		99
49) Dimethylphthalate	14.90	163	396089	38.794	ng		99
50) 2,6-Dinitrotoluene	15.04	165	86366	41.370	ng		96
51) Acenaphthene	15.54	154	311579	41.665	ng		96
52) 3-Nitroaniline	15.38	138	37012	16.911	ng	#	86
53) 2,4-Dinitrophenol	15.57	184	63743	60.971	ng	#	81
54) Dibenzofuran	15.87	168	448969	40.645	ng		92
55) 4-Nitrophenol	15.67	139	124267	80.744	ng	#	83
56) 2,4-Dinitrotoluene	15.81	165	128220	41.713	ng	#	89
57) Fluorene	16.51	166	377950	40.163	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	122726m	44.669	ng		
59) Diethylphthalate	16.24	149	397380	40.082	ng		97
60) 4-Chlorophenyl-phenylether	16.49	204	210524	38.917	ng		96
61) 4-Nitroaniline	16.53	138	78721	35.517	ng	#	85
62) Azobenzene	16.78	77	397960	41.438	ng		99
64) 4,6-Dinitro-2-methylphenol	16.57	198	59749	31.603	ng		98
65) n-Nitrosodiphenylamine	16.70	169	347992	38.569	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	138616	37.347	ng	#	90
67) Hexachlorobenzene	17.51	284	147422	37.636	ng		94
68) Atrazine	17.62	200	146909	40.182	ng		98
69) Pentachlorophenol	17.85	266	181575	67.537	ng		98
70) Phenanthrene	18.25	178	645014	39.188	ng		99
71) Anthracene	18.34	178	679459	40.770	ng		99
72) Carbazole	18.60	167	586431	39.710	ng	#	96
73) Di-n-butylphthalate	19.09	149	700016	40.724	ng	#	98
74) Fluoranthene	20.20	202	830339	40.766	ng		98
76) Benzidine	20.37	184	197040	22.602	ng		100
77) Pyrene	20.56	202	830752	38.748	ng		99
79) Butylbenzylphthalate	21.42	149	320888	40.558	ng		94
80) Benzo(a)anthracene	22.54	228	806542	39.402	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	129866	17.829	ng		98
82) Chrysene	22.61	228	764315	38.573	ng		96
83) Bis(2-ethylhexyl)phthalate	22.35	149	442934	40.612	ng		96
84) Di-n-octyl phthalate	23.75	149	764048	45.754	ng		99
85) Indeno(1,2,3-cd)pyrene	30.69	276	902570	42.131	ng	#	86
87) Benzo(b)fluoranthene	25.11	252	799720	39.100	ng	#	98
88) Benzo(k)fluoranthene	25.19	252	808066	39.063	ng	#	98
89) Benzo(a)pyrene	26.14	252	793787	40.413	ng	#	96
90) Dibenzo(a,h)anthracene	30.77	278	738287	39.903	ng	#	97
91) Benzo(g,h,i)perylene	32.08	276	751421	41.014	ng		98

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

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