Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033875.D
Acq On : 19 Apr 2018 19:05
Operator : SJ/JU
Sample : J2423-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NYS-RBR200034MSD

Manual Integrations APPROVED
Sohil
4/20/2018 3:07:51 PM

Quant Time: Apr 20 04:12:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	68783	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	289789	20.00	ng		0.00
38) Acenaphthene-d10	14.47	164	185368	20.00	ng		0.00
63) Phenanthrene-d10	17.22	188	452932	20.00	ng		0.00
75) Chrysene-d12	21.49	240	460182	20.00	ng		0.00
86) Perylene-d12	24.55	264	473216	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	600287	139.33	ng		0.00
7) Phenol-d6	7.01	99	738540	117.53	ng		0.00
23) Nitrobenzene-d5	8.99	82	527144	103.52	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	337263	155.95	ng		0.00
44) 2-Fluorobiphenyl	13.10	172	1209446	95.85	ng		0.00
78) Terphenyl-d14	19.86	244	1910130	93.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	82535	45.337	ng		91
3) Pyridine	3.82	79	168613	32.011	ng		97
4) n-Nitrosodimethylamine	3.73	42	122891	51.211	ng	#	85
6) Aniline	7.17	93	89910	10.704	ng		97
8) 2-Chlorophenol	7.41	128	231273	47.908	ng		97
9) Benzaldehyde	6.99	77	86224	22.894	ng		96
10) Phenol	7.04	94	264879	41.147	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	226294	45.962	ng		96
12) 1,3-Dichlorobenzene	7.73	146	258683	46.549	ng		99
13) 1,4-Dichlorobenzene	7.87	146	259816	46.160	ng		98
14) 1,2-Dichlorobenzene	8.19	146	246185	44.976	ng		98
15) Benzyl Alcohol	8.08	79	232284	42.392	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.37	45	413245	43.034	ng		97
17) 2-Methylphenol	8.28	107	204684	42.907	ng		95
18) Hexachloroethane	8.91	117	96706	47.018	ng		89
19) n-Nitroso-di-n-propylamine	8.65	70	203037	37.905	ng		94
20) 3+4-Methylphenols	8.60	107	279805	40.367	ng		92
22) Acetophenone	8.65	105	360336	45.686	ng	#	98
24) Nitrobenzene	9.03	77	282557	50.922	ng	#	97
25) Isophorone	9.55	82	538222	47.013	ng		96
26) 2-Nitrophenol	9.73	139	122032	55.659	ng		98
27) 2,4-Dimethylphenol	9.80	122	233732	56.995	ng		94
28) bis(2-Chloroethoxy)methane	10.05	93	312761	51.692	ng		97
29) 2,4-Dichlorophenol	10.27	162	244958	53.583	ng		97
30) 1,2,4-Trichlorobenzene	10.49	180	248586	48.549	ng		100
31) Naphthalene	10.67	128	719779	48.300	ng		98
32) Benzoic acid	9.94	122	147643	37.380	ng		90
34) Hexachlorobutadiene	10.96	225	153265	50.036	ng	#	61
35) Caprolactam	11.56	113	71605m	36.841	ng		
36) 4-Chloro-3-methylphenol	11.91	107	271496	48.658	ng		92
37) 2-Methylnaphthalene	12.29	142	529069	46.371	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	296748	48.210	ng		97
40) Hexachlorocyclopentadiene	12.64	237	364583	107.722	ng		92
42) 2,4,6-Trichlorophenol	12.90	196	204411	54.467	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.97	196	224938	52.135	ng		98
45) 1,1'-Biphenyl	13.31	154	706473	47.081	ng		97
46) 2-Chloronaphthalene	13.34	162	534873	47.011	ng		98
47) 2-Nitroaniline	13.54	65	181102	50.979	ng		93
48) Acenaphthylene	14.19	152	864630	45.717	ng		99
49) Dimethylphthalate	13.94	163	738761	45.306	ng		99
50) 2,6-Dinitrotoluene	14.05	165	160834	52.048	ng		93
51) Acenaphthene	14.54	154	547370	46.072	ng		99
52) 3-Nitroaniline	14.37	138	10756	3.206	ng	#	90
53) 2,4-Dinitrophenol	14.58	184	154143	139.483	ng	#	59
54) Dibenzofuran	14.88	168	845576	48.006	ng		96
55) 4-Nitrophenol	14.68	139	264231	100.407	ng		91
56) 2,4-Dinitrotoluene	14.83	165	220642	53.695	ng		88
57) Fluorene	15.52	166	712736	46.761	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.10	232	215131	54.457	ng		99
59) Diethylphthalate	15.32	149	765965	44.441	ng		99
60) 4-Chlorophenyl-phenylether	15.52	204	374465	46.970	ng		100
61) 4-Nitroaniline	15.54	138	148622	41.717	ng		92
62) Azobenzene	15.82	77	704467	45.852	ng		99
64) 4,6-Dinitro-2-methylphenol	15.60	198	105855	48.463	ng		93
65) n-Nitrosodiphenylamine	15.74	169	616072	46.785	ng		98
66) 4-Bromophenyl-phenylether	16.42	248	240847	48.420	ng		94
67) Hexachlorobenzene	16.53	284	242482	45.711	ng		96
68) Atrazine	16.70	200	232641	45.097	ng		98
69) Pentachlorophenol	16.87	266	322931	88.626	ng	#	56
70) Phenanthrene	17.27	178	1133627	46.655	ng		97
71) Anthracene	17.36	178	1147748	47.234	ng		99
72) Carbazole	17.63	167	1054405	44.979	ng		96
73) Di-n-butylphthalate	18.21	149	1291228	44.276	ng		98
74) Fluoranthene	19.29	202	1363173	46.379	ng		96
76) Benzidine	19.48	184	26197	2.108	ng		96
77) Pyrene	19.65	202	1355799	44.919	ng		95
79) Butylbenzylphthalate	20.57	149	613637	46.295	ng		93
80) Benzo(a)anthracene	21.47	228	1342412	46.261	ng		97
81) 3,3'-Dichlorobenzidine	21.39	252	179793	16.617	ng		99
82) Chrysene	21.53	228	1262404	45.558	ng		97
83) Bis(2-ethylhexyl)phthalate	21.42	149	865172	46.218	ng		96
84) Di-n-octyl phthalate	22.60	149	1474109	49.613	ng		98
85) Indeno(1,2,3-cd)pyrene	28.03	276	1553923	49.264	ng	#	94
87) Benzo(b)fluoranthene	23.59	252	1378441	47.749	ng		99
88) Benzo(k)fluoranthene	23.65	252	1324538	46.189	ng		96
89) Benzo(a)pyrene	24.41	252	1329566	48.089	ng		98
90) Dibenzo(a,h)anthracene	28.11	278	1281502	47.902	ng		96
91) Benzo(g,h,i)perylene	29.12	276	1278758	48.577	ng		100

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

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