Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
Data File : BG031989.D
Acq On : 11 Jan 2018 18:16
Operator : SJ/JU
Sample : J1013-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MSD

Manual Integrations APPROVED
Sohil
1/12/2018 10:39:24 AM

Quant Time: Jan 12 04:53:08 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 15:23:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	67781	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	285119	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	196064	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	467059	20.00	ng		0.00
75) Chrysene-d12	22.48	240	506364	20.00	ng		0.00
86) Perylene-d12	26.20	264	534519	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	517159	138.97	ng		0.00
7) Phenol-d6	7.89	99	619844	128.29	ng		0.00
23) Nitrobenzene-d5	9.98	82	400276	106.01	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	462656	154.65	ng		0.00
44) 2-Fluorobiphenyl	14.04	172	1398317	89.52	ng		0.00
78) Terphenyl-d14	20.67	244	2183208	98.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	55018	39.883	ng	#	77
3) Pyridine	4.33	79	121146	32.854	ng	#	78
4) n-Nitrosodimethylamine	4.23	42	72447	48.689	ng	#	88
6) Aniline	8.08	93	62072	9.985	ng		94
8) 2-Chlorophenol	8.33	128	222386	51.517	ng		83
9) Benzaldehyde	7.88	77	24890	8.555	ng	#	84
10) Phenol	7.92	94	228447	46.832	ng		94
11) bis(2-Chloroethyl)ether	8.17	93	181442	44.788	ng	#	82
12) 1,3-Dichlorobenzene	8.67	146	251901	46.991	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	255510	46.660	ng		96
14) 1,2-Dichlorobenzene	9.15	146	244547	47.130	ng		96
15) Benzyl Alcohol	9.02	79	184565	50.886	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	188663	57.187	ng		81
17) 2-Methylphenol	9.22	107	177782	50.936	ng		96
18) Hexachloroethane	9.90	117	82594	49.800	ng	#	86
19) n-Nitroso-di-n-propylamine	9.60	70	144976	43.936	ng	#	82
20) 3+4-Methylphenols	9.55	107	242167	48.818	ng		95
22) Acetophenone	9.63	105	322311	48.657	ng	#	88
24) Nitrobenzene	10.03	77	211163	54.263	ng	#	81
25) Isophorone	10.55	82	404702	49.790	ng	#	85
26) 2-Nitrophenol	10.75	139	137011	67.150	ng	#	83
27) 2,4-Dimethylphenol	10.78	122	235334	54.812	ng		91
28) bis(2-Chloroethoxy)methane	11.03	93	255309	46.812	ng	#	94
29) 2,4-Dichlorophenol	11.29	162	275337	54.626	ng		89
30) 1,2,4-Trichlorobenzene	11.52	180	297918	48.408	ng		99
31) Naphthalene	11.72	128	786829	54.682	ng		99
32) Benzoic acid	10.93	122	153454	51.796	ng	#	78
33) 4-Chloroaniline	11.81	127	14994m	2.341	ng		
34) Hexachlorobutadiene	11.98	225	209179	49.509	ng		95
35) Caprolactam	12.57	113	71874	47.043	ng	#	48
36) 4-Chloro-3-methylphenol	12.88	107	251194	53.961	ng	#	81
37) 2-Methylnaphthalene	13.28	142	580340	49.751	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	407439	49.336	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	519397	119.220	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	261919	55.008 ng		99
43) 2,4,5-Trichlorophenol	13.93	196	283686m	53.762 ng		
45) 1,1'-Biphenyl	14.25	154	822093	49.093 ng		94
46) 2-Chloronaphthalene	14.30	162	620564	48.584 ng		95
47) 2-Nitroaniline	14.49	65	135382	61.370 ng	#	67
48) Acenaphthylene	15.14	152	935335	45.772 ng		98
49) Dimethylphthalate	14.84	163	831941	48.166 ng	#	99
50) 2,6-Dinitrotoluene	14.97	165	190283	59.885 ng	#	65
51) Acenaphthene	15.48	154	715164	53.438 ng		97
52) 3-Nitroaniline	15.30	138	31357	10.115 ng	#	72
53) 2,4-Dinitrophenol	15.50	184	222829	156.958 ng	#	53
54) Dibenzofuran	15.81	168	991711	48.341 ng		100
55) 4-Nitrophenol	15.58	139	259736	102.941 ng	#	72
56) 2,4-Dinitrotoluene	15.75	165	266427	65.208 ng	#	64
57) Fluorene	16.45	166	791380	47.486 ng		97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	291337	56.590 ng	#	85
59) Diethylphthalate	16.18	149	818742	48.634 ng		95
60) 4-Chlorophenyl-phenylether	16.42	204	490400	48.092 ng		93
61) 4-Nitroaniline	16.45	138	112637	37.233 ng		80
62) Azobenzene	16.72	77	522083	48.357 ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	151517	63.451 ng	#	69
65) n-Nitrosodiphenylamine	16.64	169	737648	47.553 ng		99
66) 4-Bromophenyl-phenylether	17.32	248	352550	52.199 ng		93
67) Hexachlorobenzene	17.45	284	357295	51.750 ng	#	91
68) Atrazine	17.56	200	301570	49.997 ng		97
69) Pentachlorophenol	17.78	266	486200	102.381 ng		99
70) Phenanthrene	18.19	178	1298526	49.127 ng		98
71) Anthracene	18.28	178	1315034	49.320 ng		98
72) Carbazole	18.53	167	1138404	48.239 ng		99
73) Di-n-butylphthalate	19.04	149	1274406	48.592 ng		98
74) Fluoranthene	20.14	202	1572841	48.496 ng		95
76) Benzidine	20.31	184	120331m	7.699 ng		
77) Pyrene	20.50	202	1587026	49.066 ng		96
79) Butylbenzylphthalate	21.37	149	571800	52.661 ng	#	75
80) Benzo(a)anthracene	22.46	228	1604943	49.827 ng		98
81) 3,3'-Dichlorobenzidine	22.35	252	197587	15.822 ng	#	95
82) Chrysene	22.53	228	1502658	49.306 ng		96
83) Bis(2-ethylhexyl)phthalate	22.30	149	781792	49.697 ng	#	98
84) Di-n-octyl phthalate	23.69	149	1313404	49.575 ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.53	276	1981377	50.677 ng	#	87
87) Benzo(b)fluoranthene	25.01	252	1670381	50.343 ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1648652	49.650 ng	#	95
89) Benzo(a)pyrene	26.04	252	1625617	51.157 ng	#	98
90) Dibenzo(a,h)anthracene	30.62	278	1611396	49.100 ng	#	96
91) Benzo(g,h,i)perylene	30.53	276	1981377	51.135 ng	#	93

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

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