Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031747.D
Acq On : 23 Dec 2017 13:55
Operator : SJ/JU
Sample : I6677-10MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-AMSD

Manual Integrations APPROVED
Sohil
12/26/2017 3:31:09 PM

Quant Time: Dec 26 00:24:08 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	52947	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	216452	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	148423	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	359074	20.00	ng	0.00
75) Chrysene-d12	22.56	240	408183	20.00	ng	0.00
86) Perylene-d12	26.34	264	448391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	460596	158.45	ng	0.00
7) Phenol-d6	7.93	99	539761	143.01	ng	0.00
23) Nitrobenzene-d5	10.03	82	339037	118.28	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	400603	176.89	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1172803	99.18	ng	0.00
78) Terphenyl-d14	20.73	244	1924243	107.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	40551	37.631	ng	# 75
3) Pyridine	4.36	79	103524	35.941	ng	# 77
4) n-Nitrosodimethylamine	4.25	42	49744	42.797	ng	# 84
6) Aniline	8.12	93	51352	10.575	ng	94
8) 2-Chlorophenol	8.37	128	171786	50.945	ng	# 78
9) Benzaldehyde	7.92	77	65045m	28.621	ng	
10) Phenol	7.96	94	169261	44.420	ng	93
11) bis(2-Chloroethyl)ether	8.21	93	139270	44.010	ng	# 78
12) 1,3-Dichlorobenzene	8.71	146	187882	44.868	ng	# 93
13) 1,4-Dichlorobenzene	8.87	146	193232	45.173	ng	96
14) 1,2-Dichlorobenzene	9.19	146	185172	45.686	ng	95
15) Benzyl Alcohol	9.06	79	137202	48.425	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.36	45	137158	53.222	ng	83
17) 2-Methylphenol	9.26	107	133417	48.935	ng	95
18) Hexachloroethane	9.96	117	60401	46.622	ng	89
19) n-Nitroso-di-n-propylamine	9.65	70	106623	41.366	ng	# 80
20) 3+4-Methylphenols	9.59	107	183191	47.276	ng	94
22) Acetophenone	9.67	105	244605	48.641	ng	# 86
24) Nitrobenzene	10.07	77	153637	52.005	ng	# 81
25) Isophorone	10.60	82	305122	49.447	ng	# 84
26) 2-Nitrophenol	10.80	139	99034	63.935	ng	# 81
27) 2,4-Dimethylphenol	10.83	122	177516	54.462	ng	91
28) bis(2-Chloroethoxy)methane	11.07	93	192436	46.477	ng	96
29) 2,4-Dichlorophenol	11.34	162	206427	53.947	ng	90
30) 1,2,4-Trichlorobenzene	11.57	180	222397	47.601	ng	98
31) Naphthalene	11.77	128	549134	50.269	ng	99
32) Benzoic acid	10.91	122	41731m	22.851	ng	
33) 4-Chloroaniline	11.86	127	22946	4.718	ng	# 88
34) Hexachlorobutadiene	12.03	225	149690	46.668	ng	98
35) Caprolactam	12.61	113	48920	42.177	ng	# 42
36) 4-Chloro-3-methylphenol	12.93	107	181962	51.489	ng	# 78
37) 2-Methylnaphthalene	13.32	142	432235	48.809	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	296121	47.366	ng	# 97
40) Hexachlorocyclopentadiene	13.65	237	328353	99.561	ng	92

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	190122	52.746	ng		98
43) 2,4,5-Trichlorophenol	13.97	196	204420	51.175	ng	#	90
45) 1,1'-Biphenyl	14.30	154	611444	48.233	ng		96
46) 2-Chloronaphthalene	14.35	162	464959	48.086	ng		96
47) 2-Nitroaniline	14.53	65	94136	56.370	ng	#	59
48) Acenaphthylene	15.19	152	694844	44.918	ng		99
49) Dimethylphthalate	14.89	163	608744	46.556	ng	#	99
50) 2,6-Dinitrotoluene	15.02	165	136748	56.851	ng	#	65
51) Acenaphthene	15.52	154	451300	44.546	ng		100
52) 3-Nitroaniline	15.35	138	37751	16.086	ng	#	71
53) 2,4-Dinitrophenol	15.54	184	23272	28.234	ng	#	1
54) Dibenzofuran	15.85	168	733341	47.221	ng		99
55) 4-Nitrophenol	15.62	139	172687	90.409	ng	#	72
56) 2,4-Dinitrotoluene	15.79	165	188231	60.857	ng	#	63
57) Fluorene	16.50	166	584929	46.364	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.06	232	209844	53.844	ng	#	84
59) Diethylphthalate	16.24	149	574875	45.109	ng		96
60) 4-Chlorophenyl-phenylether	16.48	204	356039	46.123	ng		92
61) 4-Nitroaniline	16.50	138	90334	39.446	ng		79
62) Azobenzene	16.77	77	375847	45.986	ng		82
64) 4,6-Dinitro-2-methylphenol	16.55	198	29606	22.321	ng	#	69
65) n-Nitrosodiphenylamine	16.69	169	549361	46.065	ng		99
66) 4-Bromophenyl-phenylether	17.37	248	258964	49.874	ng		93
67) Hexachlorobenzene	17.50	284	266796	50.263	ng	#	90
68) Atrazine	17.61	200	233873	50.434	ng		98
69) Pentachlorophenol	17.83	266	189057	51.783	ng		98
70) Phenanthrene	18.24	178	977631	48.110	ng		99
71) Anthracene	18.33	178	995250	48.552	ng		99
72) Carbazole	18.58	167	854542	47.100	ng		99
73) Di-n-butylphthalate	19.10	149	960061	47.615	ng		99
74) Fluoranthene	20.20	202	1186087	47.569	ng		96
76) Benzidine	20.35	184	185780	14.746	ng		99
77) Pyrene	20.56	202	1206205	46.262	ng		97
79) Butylbenzylphthalate	21.43	149	427895	48.887	ng	#	74
80) Benzo(a)anthracene	22.54	228	1238312	47.692	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	108391	10.767	ng	#	98
82) Chrysene	22.61	228	1166275	47.473	ng		98
83) Bis(2-ethylhexyl)phthalate	22.39	149	604069	47.636	ng	#	97
84) Di-n-octyl phthalate	23.81	149	1048726	49.106	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.75	276	1631002	51.749	ng	#	86
87) Benzo(b)fluoranthene	25.13	252	1335946	47.998	ng	#	97
88) Benzo(k)fluoranthene	25.21	252	1323285	47.506	ng	#	96
89) Benzo(a)pyrene	26.17	252	1318071	49.446	ng	#	96
90) Dibenzo(a,h)anthracene	30.85	278	1351557	49.093	ng	#	94
91) Benzo(g,h,i)perylene	30.75	276	1631002	50.178	ng	#	94

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

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