Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021087.D
Acq On : 26 Feb 2016 20:49
Operator : UM/SJ
Sample : H1558-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S3MS

Manual Integrations APPROVED
Sohil
2/29/2016 10:21:42 AM

Quant Time: Feb 27 01:32:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5362	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	24553	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	16038	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	40226	20.00	ng		0.00
75) Chrysene-d12	21.78	240	48211	20.00	ng		-0.01
86) Perylene-d12	25.08	264	45309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	49243	160.78	ng		0.00
7) Phenol-d6	7.32	99	74399	163.24	ng		0.00
23) Nitrobenzene-d5	9.34	82	51260	99.47	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	32326	153.73	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	111557	89.01	ng		0.00
78) Terphenyl-d14	20.11	244	197318	95.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	4646	32.76	ng	#	85
3) Pyridine	4.02	79	13046	31.45	ng		97
4) n-Nitrosodimethylamine	3.93	42	8747	41.59	ng		83
6) Aniline	7.50	93	14319	25.40	ng		99
8) 2-Chlorophenol	7.74	128	18717	49.00	ng		95
9) Benzaldehyde	7.31	77	2957	11.98	ng		94
10) Phenol	7.34	94	24696	52.90	ng		74
11) bis(2-Chloroethyl)ether	7.59	93	15520	43.37	ng		92
12) 1,3-Dichlorobenzene	8.06	146	17044	41.92	ng	#	90
13) 1,4-Dichlorobenzene	8.21	146	17415	40.10	ng		97
14) 1,2-Dichlorobenzene	8.53	146	17674	42.98	ng		98
15) Benzyl Alcohol	8.41	79	20084	50.45	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	18205	44.37	ng		88
17) 2-Methylphenol	8.60	107	16901	51.28	ng	#	86
18) Hexachloroethane	9.26	117	6726	40.94	ng	#	80
19) n-Nitroso-di-n-propylamine	8.98	70	16107	45.82	ng		93
20) 3+4-Methylphenols	8.93	107	23142	50.65	ng		93
22) Acetophenone	9.00	105	28944	42.71	ng	#	95
24) Nitrobenzene	9.38	77	24120	45.31	ng		92
25) Isophorone	9.91	82	44827	46.41	ng	#	97
26) 2-Nitrophenol	10.09	139	10139	45.04	ng	#	70
27) 2,4-Dimethylphenol	10.14	122	18885	47.57	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	22682	48.19	ng		99
29) 2,4-Dichlorophenol	10.62	162	19466	50.09	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	19163	43.51	ng		97
31) Naphthalene	11.03	128	55436	43.96	ng		97
32) Benzoic acid	10.23	122	5916	16.23	ng		95
33) 4-Chloroaniline	11.13	127	5056	9.60	ng	#	90
34) Hexachlorobutadiene	11.32	225	12623	42.82	ng		92
35) Caprolactam	11.92	113	6466m	49.24	ng		
36) 4-Chloro-3-methylphenol	12.24	107	23987	50.35	ng		90
37) 2-Methylnaphthalene	12.63	142	42855	48.39	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	24424	41.21	ng		99
40) Hexachlorocyclopentadiene	12.97	237	35303	90.58	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	17987	48.39	ng		93
43) 2,4,5-Trichlorophenol	13.28	196	19775	51.79	ng		98
45) 1,1'-Biphenyl	13.62	154	56902	42.13	ng		98
46) 2-Chloronaphthalene	13.67	162	44299	43.23	ng		99
47) 2-Nitroaniline	13.86	65	16883	50.85	ng	#	84
48) Acenaphthylene	14.51	152	71565	44.14	ng		98
49) Dimethylphthalate	14.24	163	87811	63.53	ng	#	99
50) 2,6-Dinitrotoluene	14.35	165	13507	47.50	ng	#	74
51) Acenaphthene	14.85	154	45788	41.40	ng		97
52) 3-Nitroaniline	14.68	138	6247	22.58	ng	#	72
53) 2,4-Dinitrophenol	14.88	184	15353	77.43	ng	#	87
54) Dibenzofuran	15.18	168	68770	49.09	ng		92
55) 4-Nitrophenol	14.97	139	24208	98.63	ng	#	59
56) 2,4-Dinitrotoluene	15.13	165	19967	48.96	ng	#	86
57) Fluorene	15.82	166	59967	44.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	18317m	55.19	ng		
59) Diethylphthalate	15.59	149	65393	44.89	ng		96
60) 4-Chlorophenyl-phenylether	15.81	204	32381	43.19	ng		98
61) 4-Nitroaniline	15.83	138	14723	46.73	ng	#	56
62) Azobenzene	16.10	77	64508	51.11	ng		88
64) 4,6-Dinitro-2-methylphenol	15.89	198	13358	45.27	ng		94
65) n-Nitrosodiphenylamine	16.02	169	54664	46.06	ng		90
66) 4-Bromophenyl-phenylether	16.70	248	20650	43.60	ng		92
67) Hexachlorobenzene	16.82	284	21755	43.54	ng	#	90
68) Atrazine	16.96	200	22476	51.11	ng		98
69) Pentachlorophenol	17.16	266	30677	90.95	ng		95
70) Phenanthrene	17.56	178	96184	44.44	ng		99
71) Anthracene	17.65	178	97492	44.73	ng		99
72) Carbazole	17.91	167	91785	48.77	ng		99
73) Di-n-butylphthalate	18.47	149	117626	47.42	ng	#	98
74) Fluoranthene	19.55	202	123012	45.30	ng		95
76) Benzidine	19.73	184	24895	19.63	ng		98
77) Pyrene	19.91	202	126826	47.51	ng		99
79) Butylbenzylphthalate	20.79	149	52957	47.53	ng	#	97
80) Benzo(a)anthracene	21.76	228	128786	46.43	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	14353	13.22	ng	#	97
82) Chrysene	21.83	228	115895	43.38	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	80599	46.85	ng	#	96
84) Di-n-octyl phthalate	22.91	149	137975	47.85	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.84	276	142037	44.10	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	128947	45.53	ng	#	95
88) Benzo(k)fluoranthene	24.10	252	127319	45.61	ng	#	94
89) Benzo(a)pyrene	24.92	252	124524	45.80	ng		95
90) Dibenzo(a,h)anthracene	28.90	278	121542	44.35	ng		98
91) Benzo(g,h,i)perylene	30.02	276	116894	44.28	ng	#	91

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

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