Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022297.D
Acq On : 10 Jun 2016 21:03
Operator : UM/SJ
Sample : H3438-14MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08-COMPMSD

Manual Integrations APPROVED
SOHIL
6/13/2016 7:06:56 PM

Quant Time: Jun 10 23:54:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	33376	20.00	ng		-0.02
21) Naphthalene-d8	10.92	136	162878	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	94043	20.00	ng		-0.01
63) Phenanthrene-d10	17.49	188	207737	20.00	ng		0.00
75) Chrysene-d12	21.76	240	178215	20.00	ng		-0.01
86) Perylene-d12	25.05	264	163372	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	218368	126.50	ng		0.00
7) Phenol-d6	7.27	99	316331	116.55	ng		0.00
23) Nitrobenzene-d5	9.28	82	170857	73.13	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	89973	84.67	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	324490	52.58	ng		0.00
78) Terphenyl-d14	20.08	244	372691	49.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	22540	27.23	ng	#	77
3) Pyridine	3.91	79	61505	27.50	ng		94
4) n-Nitrosodimethylamine	3.83	42	17829	35.65	ng		97
6) Aniline	7.43	93	78321	22.71	ng	#	86
8) 2-Chlorophenol	7.67	128	83956	35.19	ng	#	81
9) Benzaldehyde	7.25	77	3683	2.47	ng		87
10) Phenol	7.30	94	106985	38.23	ng		86
11) bis(2-Chloroethyl)ether	7.52	93	73959	33.15	ng	#	73
12) 1,3-Dichlorobenzene	7.99	146	77909	30.46	ng	#	94
13) 1,4-Dichlorobenzene	8.14	146	78802	30.92	ng		94
14) 1,2-Dichlorobenzene	8.46	146	78969	30.74	ng		96
15) Benzyl Alcohol	8.35	79	61715	35.19	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	83587	36.11	ng		85
17) 2-Methylphenol	8.56	107	71465	34.22	ng	#	89
18) Hexachloroethane	9.19	117	29908	32.14	ng	#	80
19) n-Nitroso-di-n-propylamine	8.91	70	59349	32.30	ng	#	70
20) 3+4-Methylphenols	8.88	107	98369	32.84	ng		96
22) Acetophenone	8.93	105	115596	32.93	ng	#	84
24) Nitrobenzene	9.32	77	84216	35.85	ng	#	85
25) Isophorone	9.84	82	172319	31.53	ng		96
26) 2-Nitrophenol	10.04	139	44709	35.09	ng	#	80
27) 2,4-Dimethylphenol	10.09	122	77520	33.62	ng		88
28) bis(2-Chloroethoxy)methane	10.32	93	106012	33.85	ng		93
29) 2,4-Dichlorophenol	10.58	162	76524	35.82	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	72628	30.43	ng		94
31) Naphthalene	10.98	128	253632	31.20	ng	#	95
32) Benzoic acid	10.20	122	8972	19.21	ng		85
33) 4-Chloroaniline	11.09	127	54715	16.18	ng	#	90
34) Hexachlorobutadiene	11.25	225	37629	29.37	ng		97
35) Caprolactam	11.85	113	30851m	26.33	ng		
36) 4-Chloro-3-methylphenol	12.21	107	85434	33.74	ng		87
37) 2-Methylnaphthalene	12.57	142	177110	29.51	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	72937	30.13	ng	#	96
40) Hexachlorocyclopentadiene	12.91	237	56392	47.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	56165	34.58	ng		94
43) 2,4,5-Trichlorophenol	13.26	196	61283	34.16	ng		97
45) 1,1'-Biphenyl	13.57	154	226362	31.98	ng		94
46) 2-Chloronaphthalene	13.62	162	174649	32.19	ng		95
47) 2-Nitroaniline	13.83	65	47209	36.49	ng	#	63
48) Acenaphthylene	14.47	152	296704	31.17	ng		99
49) Dimethylphthalate	14.18	163	390730	50.11	ng		98
50) 2,6-Dinitrotoluene	14.31	165	53510	31.57	ng	#	85
51) Acenaphthene	14.80	154	174651	30.62	ng		97
52) 3-Nitroaniline	14.65	138	41713	22.19	ng		81
53) 2,4-Dinitrophenol	14.87	184	30119	48.49	ng	#	79
54) Dibenzofuran	15.14	168	268372	30.15	ng		98
55) 4-Nitrophenol	14.97	139	85503	65.90	ng	#	77
56) 2,4-Dinitrotoluene	15.11	165	73445	32.30	ng	#	88
57) Fluorene	15.78	166	228377	29.79	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	48718	30.27	ng		94
59) Diethylphthalate	15.54	149	248351	29.82	ng		100
60) 4-Chlorophenyl-phenylether	15.77	204	101951	29.36	ng		98
61) 4-Nitroaniline	15.82	138	58458	29.32	ng		83
62) Azobenzene	16.06	77	211063	33.46	ng		89
64) 4,6-Dinitro-2-methylphenol	15.87	198	33260	33.45	ng		83
65) n-Nitrosodiphenylamine	15.99	169	196327	32.81	ng		99
66) 4-Bromophenyl-phenylether	16.66	248	59057	30.34	ng		98
67) Hexachlorobenzene	16.79	284	65035	28.67	ng		98
68) Atrazine	16.93	200	68585	30.96	ng		99
69) Pentachlorophenol	17.14	266	59704	59.91	ng		98
70) Phenanthrene	17.53	178	341924	30.30	ng		99
71) Anthracene	17.62	178	337568	30.17	ng		96
72) Carbazole	17.89	167	331648	31.29	ng		98
73) Di-n-butylphthalate	18.42	149	431930	31.17	ng		98
74) Fluoranthene	19.53	202	375192	28.93	ng		97
76) Benzidine	19.71	184	92144	19.77	ng		99
77) Pyrene	19.89	202	374290	33.78	ng		98
79) Butylbenzylphthalate	20.76	149	185778	36.16	ng		92
80) Benzo(a)anthracene	21.74	228	314420	31.46	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	64761	23.08	ng	#	95
82) Chrysene	21.81	228	303100	31.17	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	266014	35.21	ng	#	97
84) Di-n-octyl phthalate	22.84	149	448187	35.72	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.82	276	318187	29.17	ng	#	85
87) Benzo(b)fluoranthene	24.00	252	294869	30.95	ng	#	96
88) Benzo(k)fluoranthene	24.07	252	283307	30.20	ng	#	95
89) Benzo(a)pyrene	24.89	252	286728	31.47	ng	#	96
90) Dibenzo(a,h)anthracene	28.87	278	263374	30.70	ng	#	92
91) Benzo(g,h,i)perylene	30.01	276	264094	29.58	ng	#	94

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

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