Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
Data File : BG023835.D
Acq On : 22 Aug 2016 16:14
Operator : UM/SJ
Sample : H4500-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

Manual Integrations APPROVED
sohil
8/23/2016 6:22:00 PM

Quant Time: Aug 23 12:11:40 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	94846	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	406655	20.00	ng		-0.03
38) Acenaphthene-d10	14.77	164	258539	20.00	ng		-0.02
63) Phenanthrene-d10	17.53	188	616392	20.00	ng		-0.01
75) Chrysene-d12	21.85	240	688108	20.00	ng		-0.02
86) Perylene-d12	25.23	264	697708	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	756034	134.18	ng		-0.02
7) Phenol-d6	7.25	99	1031683	117.55	ng		-0.02
23) Nitrobenzene-d5	9.28	82	815841	99.74	ng		-0.02
41) 2,4,6-Tribromophenol	16.27	330	502457	132.87	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1561128	101.85	ng		-0.02
78) Terphenyl-d14	20.14	244	2336001	112.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	84808	35.33	ng	#	89
3) Pyridine	3.91	79	275571	34.93	ng		94
4) n-Nitrosodimethylamine	3.82	42	145982	49.91	ng	#	93
6) Aniline	7.41	93	343905	27.12	ng		97
8) 2-Chlorophenol	7.65	128	290922	44.94	ng		100
9) Benzaldehyde	7.23	77	50489	7.47	ng		88
10) Phenol	7.28	94	380754	40.55	ng		86
11) bis(2-Chloroethyl)ether	7.51	93	319842	42.71	ng		91
12) 1,3-Dichlorobenzene	7.98	146	299843	40.46	ng		97
13) 1,4-Dichlorobenzene	8.13	146	317037	41.79	ng		91
14) 1,2-Dichlorobenzene	8.45	146	303110	40.73	ng		90
15) Benzyl Alcohol	8.34	79	358066	53.85	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	440029	39.95	ng		91
17) 2-Methylphenol	8.55	107	274230	43.57	ng		89
18) Hexachloroethane	9.18	117	121340	42.49	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	315925	41.85	ng		99
20) 3+4-Methylphenols	8.88	107	384826	43.37	ng		88
22) Acetophenone	8.93	105	455887	40.94	ng	#	91
24) Nitrobenzene	9.32	77	445173	49.15	ng		93
25) Isophorone	9.84	82	811516	47.63	ng	#	95
26) 2-Nitrophenol	10.03	139	177764	46.50	ng	#	85
27) 2,4-Dimethylphenol	10.09	122	301163	46.27	ng		88
28) bis(2-Chloroethoxy)methane	10.32	93	460679	44.98	ng		100
29) 2,4-Dichlorophenol	10.58	162	326484	49.88	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	325973	46.18	ng		96
31) Naphthalene	10.98	128	936221	45.21	ng		100
32) Benzoic acid	10.24	122	153796	28.66	ng		90
33) 4-Chloroaniline	11.10	127	83012	8.39	ng	#	97
34) Hexachlorobutadiene	11.25	225	227911	49.09	ng		98
35) Caprolactam	11.88	113	94823m	34.43	ng		
36) 4-Chloro-3-methylphenol	12.22	107	391462	45.52	ng		98
37) 2-Methylnaphthalene	12.59	142	697731m	44.32	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	361711	38.58	ng		99
40) Hexachlorocyclopentadiene	12.93	237	315945	66.83	ng		99

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42) 2,4,6-Trichlorophenol	13.20	196	272825	48.85	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	282519	49.14	ng		94
45) 1,1'-Biphenyl	13.59	154	848838	42.95	ng		94
46) 2-Chloronaphthalene	13.64	162	739609	48.37	ng		97
47) 2-Nitroaniline	13.85	65	313192	49.34	ng		92
48) Acenaphthylene	14.49	152	1160656	48.02	ng		99
49) Dimethylphthalate	14.22	163	1016717	51.26	ng		98
50) 2,6-Dinitrotoluene	14.34	165	227855	48.50	ng	#	83
51) Acenaphthene	14.83	154	739595	48.31	ng		97
52) 3-Nitroaniline	14.68	138	112076	21.16	ng		84
53) 2,4-Dinitrophenol	14.90	184	263782	87.60	ng		91
54) Dibenzofuran	15.17	168	1179989	53.08	ng		98
55) 4-Nitrophenol	15.00	139	311158	74.79	ng		92
56) 2,4-Dinitrotoluene	15.14	165	321841	48.82	ng		96
57) Fluorene	15.82	166	958048	49.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	267894	50.78	ng		93
59) Diethylphthalate	15.58	149	1024473	50.88	ng		100
60) 4-Chlorophenyl-phenylether	15.81	204	496961	48.41	ng		99
61) 4-Nitroaniline	15.85	138	225728	40.02	ng	#	70
62) Azobenzene	16.10	77	1119492	54.85	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	186437	44.49	ng		94
65) n-Nitrosodiphenylamine	16.02	169	878199	48.57	ng		97
66) 4-Bromophenyl-phenylether	16.71	248	347133	48.32	ng		98
67) Hexachlorobenzene	16.84	284	364972	46.44	ng		99
68) Atrazine	16.98	200	343743	49.51	ng		97
69) Pentachlorophenol	17.18	266	394484	86.09	ng		98
70) Phenanthrene	17.58	178	1564907	50.03	ng		99
71) Anthracene	17.67	178	1578809	50.19	ng		99
72) Carbazole	17.94	167	1464777	53.03	ng		99
73) Di-n-butylphthalate	18.48	149	1723318	64.92	ng		97
74) Fluoranthene	19.59	202	1864994	67.75	ng		95
76) Benzidine	19.77	184	519581	27.16	ng		98
77) Pyrene	19.95	202	1866547	48.61	ng		98
79) Butylbenzylphthalate	20.82	149	862217	52.04	ng		96
80) Benzo(a)anthracene	21.83	228	1881436	49.53	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	495996	31.84	ng	#	99
82) Chrysene	21.90	228	1730942	47.90	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	1171586	51.64	ng		98
84) Di-n-octyl phthalate	22.96	149	1970751	50.89	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2176006	48.19	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	1899763	48.39	ng	#	97
88) Benzo(k)fluoranthene	24.22	252	1875816	49.75	ng	#	98
89) Benzo(a)pyrene	25.07	252	1858422	49.78	ng	#	97
90) Dibenzo(a,h)anthracene	29.18	278	1857238	48.70	ng	#	95
91) Benzo(g,h,i)perylene	30.34	276	1821737	47.43	ng	#	91

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

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