Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
Data File : BG023842.D
Acq On : 22 Aug 2016 20:38
Operator : UM/SJ
Sample : H4500-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
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8/23/2016 6:22:26 PM

Quant Time: Aug 23 01:10:57 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	113576	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	472627	20.00	ng		-0.03
38) Acenaphthene-d10	14.77	164	312513	20.00	ng		-0.01
63) Phenanthrene-d10	17.53	188	758942	20.00	ng		-0.01
75) Chrysene-d12	21.85	240	850076	20.00	ng		0.00
86) Perylene-d12	25.24	264	848500	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	705847	104.61	ng		-0.03
7) Phenol-d6	7.25	99	967830	92.09	ng		-0.03
23) Nitrobenzene-d5	9.27	82	758040	79.74	ng		-0.03
41) 2,4,6-Tribromophenol	16.27	330	484490	105.99	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1452689	78.40	ng		-0.02
78) Terphenyl-d14	20.14	244	2297392	84.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	82083	28.55	ng		92
3) Pyridine	3.91	79	251579	26.63	ng		96
4) n-Nitrosodimethylamine	3.82	42	135384	38.65	ng	#	97
6) Aniline	7.41	93	318581	20.98	ng		96
8) 2-Chlorophenol	7.66	128	270534	34.90	ng		98
9) Benzaldehyde	7.22	77	43549	4.94	ng		88
10) Phenol	7.28	94	345549	30.74	ng		88
11) bis(2-Chloroethyl)ether	7.50	93	295795	32.98	ng		90
12) 1,3-Dichlorobenzene	7.98	146	284810	32.09	ng		95
13) 1,4-Dichlorobenzene	8.13	146	291703	32.11	ng		93
14) 1,2-Dichlorobenzene	8.45	146	276939	31.07	ng		94
15) Benzyl Alcohol	8.34	79	336582	42.27	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	408998	31.01	ng		91
17) 2-Methylphenol	8.54	107	259356	34.41	ng		91
18) Hexachloroethane	9.18	117	113510	33.19	ng		93
19) n-Nitroso-di-n-propylamine	8.90	70	287836	31.84	ng		98
20) 3+4-Methylphenols	8.87	107	350565	32.99	ng		90
22) Acetophenone	8.92	105	422613	32.66	ng	#	94
24) Nitrobenzene	9.31	77	412529	39.19	ng		91
25) Isophorone	9.83	82	752713	38.01	ng	#	94
26) 2-Nitrophenol	10.03	139	163504	36.80	ng		86
27) 2,4-Dimethylphenol	10.09	122	280125	37.03	ng		91
28) bis(2-Chloroethoxy)methane	10.32	93	424828	35.69	ng		99
29) 2,4-Dichlorophenol	10.58	162	297421	39.10	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	302698	36.90	ng		96
31) Naphthalene	10.98	128	872561	36.26	ng		100
32) Benzoic acid	10.24	122	133815	23.08	ng		93
33) 4-Chloroaniline	11.10	127	87642	7.62	ng	#	90
34) Hexachlorobutadiene	11.25	225	205872	38.16	ng		92
35) Caprolactam	11.88	113	92063m	28.77	ng		
36) 4-Chloro-3-methylphenol	12.22	107	366846	36.70	ng		97
37) 2-Methylnaphthalene	12.58	142	646127	35.31	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	322733	28.48	ng		99
40) Hexachlorocyclopentadiene	12.92	237	258277	45.20	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	257282	38.11	ng		95
43) 2,4,5-Trichlorophenol	13.28	196	258397	37.18	ng	#	97
45) 1,1'-Biphenyl	13.59	154	788783	33.02	ng		95
46) 2-Chloronaphthalene	13.64	162	688987	37.28	ng		97
47) 2-Nitroaniline	13.85	65	299700	39.06	ng		91
48) Acenaphthylene	14.49	152	1105710	37.85	ng		99
49) Dimethylphthalate	14.21	163	962634	40.15	ng		98
50) 2,6-Dinitrotoluene	14.34	165	210519	37.07	ng		89
51) Acenaphthene	14.83	154	690854	37.33	ng		98
52) 3-Nitroaniline	14.68	138	112630	17.59	ng	#	79
53) 2,4-Dinitrophenol	14.90	184	200238	55.01	ng		94
54) Dibenzofuran	15.17	168	1116156	41.54	ng		97
55) 4-Nitrophenol	15.00	139	309577	61.56	ng	#	87
56) 2,4-Dinitrotoluene	15.14	165	314518	39.47	ng		97
57) Fluorene	15.82	166	926133	39.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	265193	41.58	ng		94
59) Diethylphthalate	15.57	149	988718	40.62	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	473299	38.14	ng		98
61) 4-Nitroaniline	15.86	138	226947	33.29	ng	#	70
62) Azobenzene	16.10	77	1082516	43.88	ng		92
64) 4,6-Dinitro-2-methylphenol	15.91	198	165949	32.16	ng		93
65) n-Nitrosodiphenylamine	16.03	169	849535	38.16	ng		94
66) 4-Bromophenyl-phenylether	16.71	248	328274	37.11	ng		94
67) Hexachlorobenzene	16.83	284	353119	36.49	ng		99
68) Atrazine	16.98	200	342855	40.11	ng		96
69) Pentachlorophenol	17.18	266	369407	65.48	ng		97
70) Phenanthrene	17.57	178	1534374	39.84	ng		99
71) Anthracene	17.67	178	1546554	39.93	ng		99
72) Carbazole	17.94	167	1456384	42.82	ng		99
73) Di-n-butylphthalate	18.48	149	1718023	50.80	ng		98
74) Fluoranthene	19.59	202	1853584	52.64	ng		95
76) Benzidine	19.77	184	486216	20.58	ng		99
77) Pyrene	19.95	202	1849330	36.81	ng		98
79) Butylbenzylphthalate	20.83	149	845566	41.31	ng		96
80) Benzo(a)anthracene	21.83	228	1859961	39.64	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	428341	22.26	ng	#	95
82) Chrysene	21.90	228	1734094	38.84	ng		98
83) Bis(2-ethylhexyl)phthalate	21.70	149	1165158	41.57	ng	#	98
84) Di-n-octyl phthalate	22.96	149	1958544	40.94	ng		99
85) Indeno(1,2,3-cd)pyrene	29.13	276	2144545	38.44	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	1918293	40.18	ng	#	97
88) Benzo(k)fluoranthene	24.23	252	1791927	39.08	ng	#	98
89) Benzo(a)pyrene	25.08	252	1840164	40.53	ng	#	97
90) Dibenzo(a,h)anthracene	29.19	278	1841235	39.70	ng	#	94
91) Benzo(g,h,i)perylene	30.35	276	1770027	37.90	ng	#	91

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

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