Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072616\
Data File : BG023276.D
Acq On : 26 Jul 2016 20:46
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG072616

Manual Integrations APPROVED
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7/28/2016 7:07:12 PM

Quant Time: Jul 28 19:05:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	192333	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	886274	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	557196	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1277629	20.00	ng		0.00
75) Chrysene-d12	21.89	240	1235487	20.00	ng		0.00
86) Perylene-d12	25.30	264	1224891	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	978837	86.88	ng		0.00
7) Phenol-d6	7.29	99	1427830	82.55	ng		0.00
23) Nitrobenzene-d5	9.32	82	1450298	80.02	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	417907	72.46	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2419834	81.28	ng		0.00
78) Terphenyl-d14	20.18	244	2889095	76.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	210492	43.56	ng		88
3) Pyridine	3.94	79	654544	38.70	ng		92
4) n-Nitrosodimethylamine	3.86	42	287520	37.63	ng	#	81
6) Aniline	7.45	93	924725	40.03	ng		98
8) 2-Chlorophenol	7.69	128	521760	41.51	ng		95
9) Benzaldehyde	7.26	77	491136	39.53	ng		94
10) Phenol	7.31	94	755419	41.39	ng		82
11) bis(2-Chloroethyl)ether	7.55	93	647316	41.73	ng		94
12) 1,3-Dichlorobenzene	8.02	146	586351	41.39	ng		92
13) 1,4-Dichlorobenzene	8.17	146	591802	40.95	ng		94
14) 1,2-Dichlorobenzene	8.50	146	550196	39.47	ng		95
15) Benzyl Alcohol	8.38	79	463185	39.79	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	1045265	42.34	ng		89
17) 2-Methylphenol	8.58	107	509951	40.88	ng	#	88
18) Hexachloroethane	9.23	117	239412	39.76	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	606501	38.98	ng		99
20) 3+4-Methylphenols	8.91	107	699365	41.23	ng		90
22) Acetophenone	8.97	105	938403	40.55	ng	#	92
24) Nitrobenzene	9.36	77	845129	40.16	ng	#	91
25) Isophorone	9.88	82	1491658	39.85	ng	#	94
26) 2-Nitrophenol	10.07	139	331669	41.72	ng	#	79
27) 2,4-Dimethylphenol	10.13	122	538631	40.20	ng		83
28) bis(2-Chloroethoxy)methane	10.37	93	851587	40.55	ng		97
29) 2,4-Dichlorophenol	10.62	162	520315	40.11	ng		97
30) 1,2,4-Trichlorobenzene	10.83	180	558055	38.93	ng		95
31) Naphthalene	11.03	128	1642297	39.88	ng		98
32) Benzoic acid	10.26	122	377328	36.85	ng	#	88
33) 4-Chloroaniline	11.13	127	756479	39.76	ng		94
34) Hexachlorobutadiene	11.30	225	346448	36.87	ng		89
35) Caprolactam	11.91	113	222142	40.27	ng	#	81
36) 4-Chloro-3-methylphenol	12.25	107	655688	38.47	ng		94
37) 2-Methylnaphthalene	12.63	142	1177790	38.57	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	717038	39.75	ng		98
40) Hexachlorocyclopentadiene	12.97	237	346280	40.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	436990	41.24	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	451984	40.21	ng		91
45) 1,1'-Biphenyl	13.63	154	1576587	40.57	ng		92
46) 2-Chloronaphthalene	13.68	162	1279494	41.09	ng		96
47) 2-Nitroaniline	13.89	65	562944	42.73	ng		92
48) Acenaphthylene	14.53	152	1973715	41.40	ng		95
49) Dimethylphthalate	14.25	163	1648594	40.09	ng		98
50) 2,6-Dinitrotoluene	14.38	165	394352	40.96	ng		87
51) Acenaphthene	14.87	154	1241521	40.14	ng		97
52) 3-Nitroaniline	14.72	138	424020	43.72	ng	#	83
53) 2,4-Dinitrophenol	14.92	184	227566	40.36	ng	#	87
54) Dibenzofuran	15.21	168	1753963	40.08	ng		98
55) 4-Nitrophenol	15.03	139	362442	43.08	ng	#	77
56) 2,4-Dinitrotoluene	15.17	165	567733	41.87	ng		94
57) Fluorene	15.86	166	1548609	40.08	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	357773	37.60	ng	#	83
59) Diethylphthalate	15.61	149	1699290	40.35	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	803227	38.40	ng		96
61) 4-Nitroaniline	15.88	138	465216	45.75	ng	#	63
62) Azobenzene	16.14	77	1793930	41.08	ng		93
64) 4,6-Dinitro-2-methylphenol	15.94	198	354615	43.21	ng		87
65) n-Nitrosodiphenylamine	16.07	169	1384358	40.59	ng		94
66) 4-Bromophenyl-phenylether	16.75	248	494299	38.26	ng		99
67) Hexachlorobenzene	16.87	284	479972	36.95	ng	#	90
68) Atrazine	17.01	200	546066	41.74	ng		93
69) Pentachlorophenol	17.22	266	315986	39.42	ng		100
70) Phenanthrene	17.62	178	2388653m	42.74	ng		
71) Anthracene	17.71	178	2433358	43.09	ng		94
72) Carbazole	17.98	167	2284148	44.17	ng		97
73) Di-n-butylphthalate	18.52	149	2692298	46.66	ng		97
74) Fluoranthene	19.63	202	2678624	42.00	ng		88
76) Benzidine	19.81	184	1584129	45.59	ng		95
77) Pyrene	19.99	202	2737152	39.04	ng		93
79) Butylbenzylphthalate	20.87	149	1379487	44.72	ng		98
80) Benzo(a)anthracene	21.88	228	2580545	39.90	ng		97
81) 3,3'-Dichlorobenzidine	21.78	252	1075076	40.99	ng	#	96
82) Chrysene	21.94	228	2495342	39.93	ng		93
83) Bis(2-ethylhexyl)phthalate	21.75	149	1876226	43.47	ng	#	95
84) Di-n-octyl phthalate	23.03	149	3065847	43.42	ng	#	94
85) Indeno(1,2,3-cd)pyrene	29.20	276	3015630	41.37	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	2697368	41.45	ng	#	94
88) Benzo(k)fluoranthene	24.29	252	2577483	39.62	ng	#	94
89) Benzo(a)pyrene	25.14	252	2585945	40.55	ng	#	95
90) Dibenzo(a,h)anthracene	29.27	278	2457597	40.74	ng	#	87
91) Benzo(g,h,i)perylene	30.43	276	2487951	39.18	ng	#	86

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

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