Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
Data File : BG022524.D
Acq On : 24 Jun 2016 4:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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6/24/2016 7:30:48 PM

Quant Time: Jun 24 07:22:23 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 04:19:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	111329	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	466620	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	331212	20.00	ng		-0.01
63) Phenanthrene-d10	17.56	188	845457	20.00	ng		-0.01
75) Chrysene-d12	21.86	240	943435	20.00	ng		0.00
86) Perylene-d12	25.22	264	993733	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	532821	77.50	ng		0.00
7) Phenol-d6	7.31	99	742325	77.13	ng		0.00
23) Nitrobenzene-d5	9.35	82	842831	77.34	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	396488	77.14	ng		-0.01
44) 2-Fluorobiphenyl	13.43	172	1611457	74.26	ng		-0.01
78) Terphenyl-d14	20.16	244	2476533	75.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	106106	38.52	ng		97
3) Pyridine	4.01	79	334355	39.59	ng		98
4) n-Nitrosodimethylamine	3.92	42	179782	38.33	ng		87
6) Aniline	7.50	93	526367	39.07	ng		95
8) 2-Chlorophenol	7.73	128	275742	38.03	ng		98
9) Benzaldehyde	7.31	77	155839	25.96	ng		93
10) Phenol	7.34	94	391305	38.08	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	306458	38.05	ng		91
12) 1,3-Dichlorobenzene	8.07	146	328886	37.85	ng		99
13) 1,4-Dichlorobenzene	8.21	146	335354	37.55	ng		94
14) 1,2-Dichlorobenzene	8.53	146	313089	37.96	ng		95
15) Benzyl Alcohol	8.41	79	391418	37.64	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.71	45	345545	36.94	ng		99
17) 2-Methylphenol	8.61	107	253366	38.17	ng		97
18) Hexachloroethane	9.27	117	141501	37.96	ng		88
19) n-Nitroso-di-n-propylamine	8.99	70	308335	36.30	ng		94
20) 3+4-Methylphenols	8.94	107	355240	38.42	ng		97
22) Acetophenone	9.01	105	499517	37.20	ng	#	96
24) Nitrobenzene	9.39	77	459683	38.61	ng		97
25) Isophorone	9.92	82	796062	37.77	ng		97
26) 2-Nitrophenol	10.10	139	157972	36.47	ng		94
27) 2,4-Dimethylphenol	10.15	122	305243	39.58	ng		89
28) bis(2-Chloroethoxy)methane	10.39	93	422416	37.20	ng		97
29) 2,4-Dichlorophenol	10.63	162	310909	38.12	ng		98
30) 1,2,4-Trichlorobenzene	10.86	180	348891	37.17	ng		96
31) Naphthalene	11.05	128	883243	38.32	ng		99
32) Benzoic acid	10.28	122	188681	40.02	ng		93
33) 4-Chloroaniline	11.15	127	403708	37.91	ng		98
34) Hexachlorobutadiene	11.33	225	292457	38.47	ng		99
35) Caprolactam	11.93	113	97792m	39.67	ng		
36) 4-Chloro-3-methylphenol	12.26	107	375379	37.77	ng		99
37) 2-Methylnaphthalene	12.64	142	676860	37.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	441697	37.02	ng		99
40) Hexachlorocyclopentadiene	12.98	237	370087	37.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	295515	36.96	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	309923	38.53	ng		97
45) 1,1'-Biphenyl	13.64	154	900818	36.87	ng		98
46) 2-Chloronaphthalene	13.69	162	745673	37.60	ng		97
47) 2-Nitroaniline	13.88	65	295655	38.05	ng		95
48) Acenaphthylene	14.53	152	1110854	37.65	ng		99
49) Dimethylphthalate	14.26	163	1004043	38.22	ng		99
50) 2,6-Dinitrotoluene	14.37	165	214726	37.77	ng		98
51) Acenaphthene	14.87	154	806619	37.40	ng		96
52) 3-Nitroaniline	14.71	138	211035	38.37	ng		97
53) 2,4-Dinitrophenol	14.91	184	131382	42.61	ng		95
54) Dibenzofuran	15.20	168	1170600	37.07	ng		98
55) 4-Nitrophenol	14.99	139	179906	37.45	ng	#	85
56) 2,4-Dinitrotoluene	15.16	165	305777	38.86	ng		94
57) Fluorene	15.85	166	945582	37.21	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	324818	37.12	ng		98
59) Diethylphthalate	15.62	149	1057105	37.50	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	553629	36.66	ng		98
61) 4-Nitroaniline	15.86	138	213131	37.40	ng		95
62) Azobenzene	16.13	77	1134332	37.23	ng		96
64) 4,6-Dinitro-2-methylphenol	15.92	198	203519	42.70	ng		97
65) n-Nitrosodiphenylamine	16.05	169	899246	36.74	ng		100
66) 4-Bromophenyl-phenylether	16.74	248	381353	36.79	ng		99
67) Hexachlorobenzene	16.86	284	402842	36.13	ng		97
68) Atrazine	17.00	200	391833	36.26	ng		98
69) Pentachlorophenol	17.19	266	292154	39.19	ng		99
70) Phenanthrene	17.60	178	1547537	36.67	ng		100
71) Anthracene	17.69	178	1592210	37.04	ng		98
72) Carbazole	17.95	167	1370133	36.77	ng		99
73) Di-n-butylphthalate	18.51	149	1669286	40.14	ng		99
74) Fluoranthene	19.61	202	1874955	40.84	ng		99
76) Benzidine	19.78	184	781605	42.51	ng		99
77) Pyrene	19.96	202	1910889	36.30	ng		99
79) Butylbenzylphthalate	20.85	149	833277	36.46	ng		99
80) Benzo(a)anthracene	21.84	228	1957752	36.86	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	793735	36.44	ng		99
82) Chrysene	21.90	228	1866870	37.50	ng		99
83) Bis(2-ethylhexyl)phthalate	21.74	149	1137053	36.53	ng		99
84) Di-n-octyl phthalate	23.01	149	1872893	37.76	ng		100
85) Indeno(1,2,3-cd)pyrene	29.09	276	2287188	39.27	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	2147025	36.67	ng		99
88) Benzo(k)fluoranthene	24.22	252	2012233	36.33	ng		99
89) Benzo(a)pyrene	25.06	252	2036988	36.73	ng		99
90) Dibenzo(a,h)anthracene	29.16	278	1957928	37.69	ng	#	95
91) Benzo(g,h,i)perylene	30.30	276	1950161	37.11	ng		98

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

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