Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030541.D
Acq On : 29 Oct 2017 00:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/30/2017 6:26:13 PM

Quant Time: Oct 30 07:30:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	71859	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	336199	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	219455	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	509175	20.00	ng		0.00
75) Chrysene-d12	21.80	240	550905	20.00	ng		0.00
86) Perylene-d12	25.10	264	568380	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	348959	81.12	ng		0.00
7) Phenol-d6	7.32	99	477509	79.09	ng		0.00
23) Nitrobenzene-d5	9.33	82	442960	83.73	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	241835	85.35	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1159028	77.46	ng		0.00
78) Terphenyl-d14	20.11	244	1793697	74.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	74425	42.644	ng		84
3) Pyridine	3.99	79	217351	42.765	ng		88
4) n-Nitrosodimethylamine	3.90	42	95723	40.292	ng	#	92
6) Aniline	7.48	93	305212	40.822	ng		95
8) 2-Chlorophenol	7.73	128	184597	37.440	ng		89
9) Benzaldehyde	7.29	77	140903	46.397	ng		90
10) Phenol	7.35	94	240565	36.957	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	191353	40.348	ng		93
12) 1,3-Dichlorobenzene	8.05	146	209643	37.872	ng		98
13) 1,4-Dichlorobenzene	8.20	146	213002	37.688	ng		97
14) 1,2-Dichlorobenzene	8.52	146	206375	37.859	ng		96
15) Benzyl Alcohol	8.40	79	183308	43.081	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	266398m	33.076	ng		
17) 2-Methylphenol	8.60	107	166369	38.475	ng		96
18) Hexachloroethane	9.26	117	73146	37.978	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	178748	43.540	ng	#	96
20) 3+4-Methylphenols	8.93	107	241139	39.578	ng		95
22) Acetophenone	8.99	105	329661	40.688	ng	#	93
24) Nitrobenzene	9.37	77	224757	37.784	ng		91
25) Isophorone	9.90	82	438822	39.732	ng	#	93
26) 2-Nitrophenol	10.09	139	116636	41.025	ng		91
27) 2,4-Dimethylphenol	10.14	122	179118	34.822	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	279075	41.207	ng		95
29) 2,4-Dichlorophenol	10.63	162	207434	37.817	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	229644	38.752	ng		98
31) Naphthalene	11.03	128	633117	37.786	ng		98
32) Benzoic acid	10.28	122	168155	39.042	ng		86
33) 4-Chloroaniline	11.13	127	289410	41.062	ng		95
34) Hexachlorobutadiene	11.31	225	148539	40.315	ng		96
35) Caprolactam	11.91	113	82311	45.152	ng	#	78
36) 4-Chloro-3-methylphenol	12.25	107	224874	37.274	ng	#	88
37) 2-Methylnaphthalene	12.62	142	488197	39.978	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	304392	37.990	ng		99
40) Hexachlorocyclopentadiene	12.97	237	137494	47.320	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	190669	37.908	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	203012	39.302	ng		96
45) 1,1'-Biphenyl	13.62	154	716562	37.988	ng		97
46) 2-Chloronaphthalene	13.67	162	510933	37.135	ng		95
47) 2-Nitroaniline	13.86	65	158193	41.859	ng	#	86
48) Acenaphthylene	14.51	152	845947	39.286	ng		99
49) Dimethylphthalate	14.23	163	697924	40.761	ng		98
50) 2,6-Dinitrotoluene	14.35	165	150957	42.056	ng	#	79
51) Acenaphthene	14.85	154	527368	37.641	ng		99
52) 3-Nitroaniline	14.68	138	164069	42.360	ng	#	82
53) 2,4-Dinitrophenol	14.89	184	84935	46.040	ng	#	49
54) Dibenzofuran	15.18	168	806687	40.333	ng		98
55) 4-Nitrophenol	14.99	139	120171	37.634	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	206833	42.567	ng	#	77
57) Fluorene	15.83	166	644134	38.985	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	183440	42.566	ng	#	95
59) Diethylphthalate	15.58	149	700915	41.075	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	370158	42.019	ng		94
61) 4-Nitroaniline	15.84	138	166029	41.746	ng		84
62) Azobenzene	16.11	77	585909	40.717	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	126573	44.160	ng		88
65) n-Nitrosodiphenylamine	16.03	169	618265	40.535	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	233305	39.931	ng		98
67) Hexachlorobenzene	16.83	284	253867	38.359	ng		96
68) Atrazine	16.97	200	235310	43.237	ng		100
69) Pentachlorophenol	17.17	266	165185	43.449	ng		99
70) Phenanthrene	17.56	178	1031630	39.219	ng		98
71) Anthracene	17.65	178	1031473	39.052	ng		99
72) Carbazole	17.92	167	964602	38.018	ng		99
73) Di-n-butylphthalate	18.46	149	1154889	39.576	ng		99
74) Fluoranthene	19.56	202	1244063	40.436	ng		97
76) Benzidine	19.73	184	691656	41.581	ng		98
77) Pyrene	19.92	202	1264175	37.828	ng		95
79) Butylbenzylphthalate	20.79	149	552260	38.788	ng		86
80) Benzo(a)anthracene	21.77	228	1291049	39.915	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	528385	39.578	ng		97
82) Chrysene	21.84	228	1202986	38.836	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	776616	38.007	ng		99
84) Di-n-octyl phthalate	22.90	149	1315945	36.952	ng		96
85) Indeno(1,2,3-cd)pyrene	28.90	276	1521342	39.921	ng	#	92
87) Benzo(b)fluoranthene	24.05	252	1307773	40.190	ng		98
88) Benzo(k)fluoranthene	24.12	252	1270683	39.196	ng		97
89) Benzo(a)pyrene	24.95	252	1231433	39.365	ng		99
90) Dibenzo(a,h)anthracene	28.96	278	1296632	40.941	ng		97
91) Benzo(g,h,i)perylene	30.10	276	1238849	42.100	ng		99

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

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